Amplify Desmos Math

Grade 1

Additional Practice
Student Resources

About Amplify

Amplify is dedicated to collaborating with educators to create learning experiences that are rigorous and riveting for all students. Amplify creates K–12 core and supplemental curriculum, assessment, and intervention programs for today's students.

A pioneer in K–12 education since 2000, Amplify is leading the way in next-generation curriculum and assessment. All of our programs provide teachers with powerful tools that help them understand and respond to the needs of every student.

Amplify gratefully acknowledges the work of distinguished program advisors from the English Learners Success Forum (ELSF), who have been integral in the development of Amplify Desmos Math. ELSF is a 501(c)(3) nonprofit organization whose mission is to expand educational equity for multilingual learners by increasing the supply of high-quality instructional materials that center their cultural and linguistic assets.

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Practice Problems

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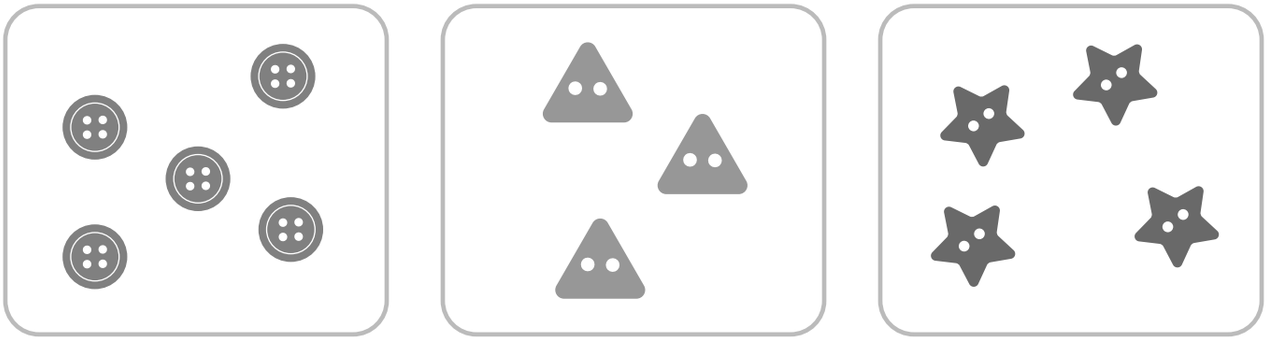
Additional Practice 1.02

Use the image below to answer Problems 1–3.

Aiden and Maria have some buttons that have been sorted.



Category 1 **Category 2** **Category 3**

1 How many buttons are there in each category?

Category 1: _____ buttons

Category 2: _____ buttons

Category 3: _____ buttons

2 How were the buttons sorted?

The buttons were sorted by _____

_____

Name _____ Date _____

3 Place an X on the shape that does not belong to the group.

Use the image to answer Problems 4 and 5.

4 Draw each shape in the category where it belongs.

Draw

Category 1	Category 2
	

5 How were the shapes sorted?

_____

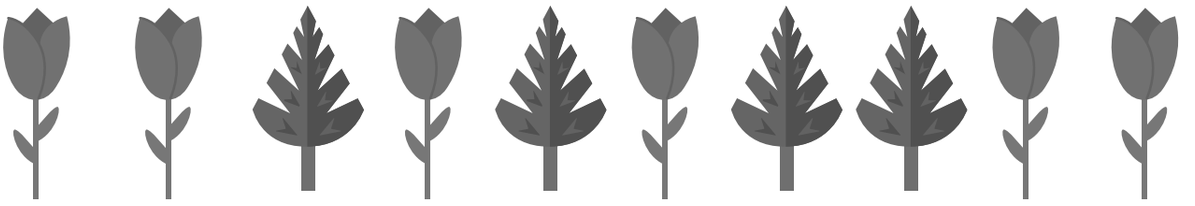
_____

Name _____ Date _____

Additional Practice 1.03

Use the image below to answer Problems 1–2.

During recess, students found plants outside.



1 How can the students sort the plants into groups?

The students can sort the items by their

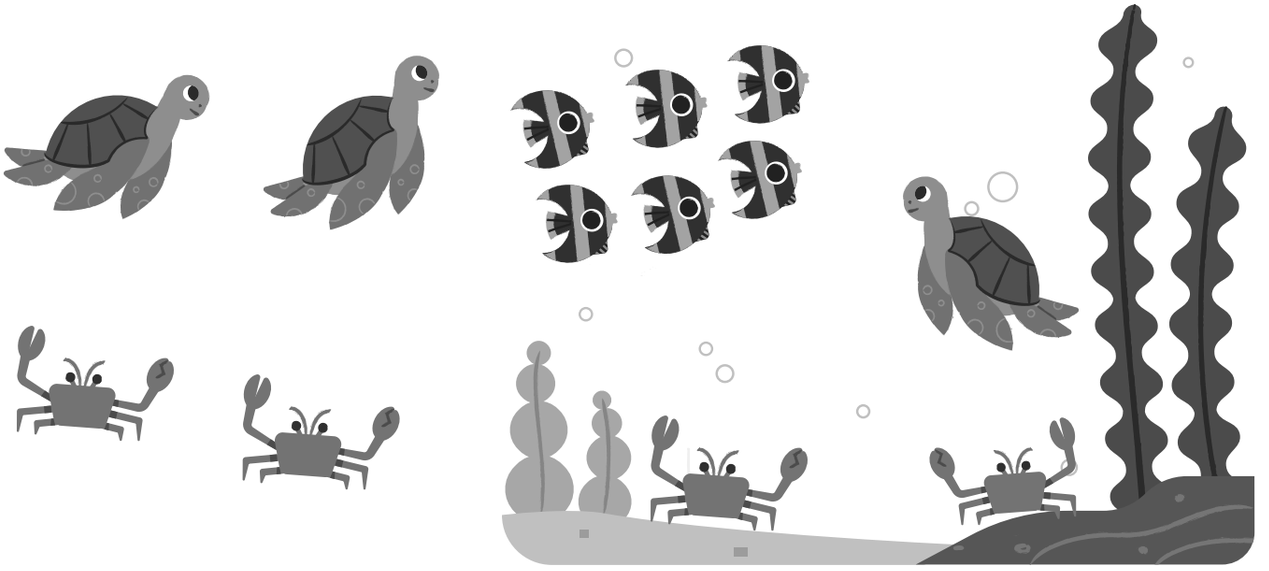
_____

2 How many items are there in each group?

Leaves 	Flowers 

Name _____ Date _____

Robert wants to sort the sea animals into three categories.



3 Write the number of animals in each category.

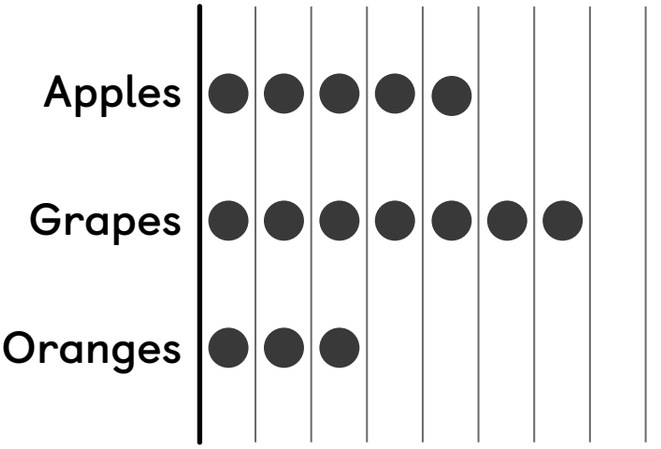
Category 1 	
Category 2 	
Category 3 	

Name _____ Date _____

Additional Practice 1.04

Use the class data shown below for Problems 1–3.

Our Favorite Fruits



1 The data shows the class's favorite _____.

animals fruits toys

2 How many students like each type of fruit?

Apples: _____ students

Grapes: _____ students

Oranges: _____ students

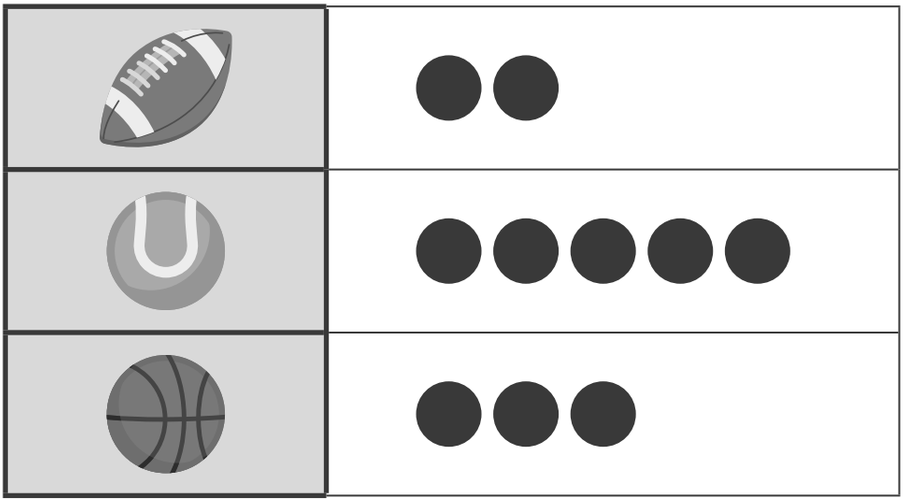
3 Which fruit do most students like? Circle your answer.

Apples Grapes Oranges

Name _____ Date _____

Use the data shown to answer Problems 4–5.

Sam counted the different types of sports balls he has.
The table below shows his results.



4 Write the number of each type of sports ball.

 _____  _____  _____

5 How many sports balls did Sam count?

_____ sports balls.

Name _____ Date _____

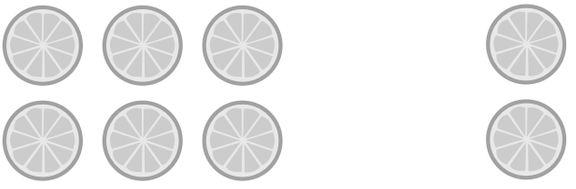
Additional Practice 1.05

For Problems 1 and 2, write an addition expression that represents the amount of fruit shown.

1

_____ + _____

2



_____ + _____

For Problems 3 and 4, circle the addition expression that represents the sets of dots.

3

2 + 4 4 + 4 4 + 3

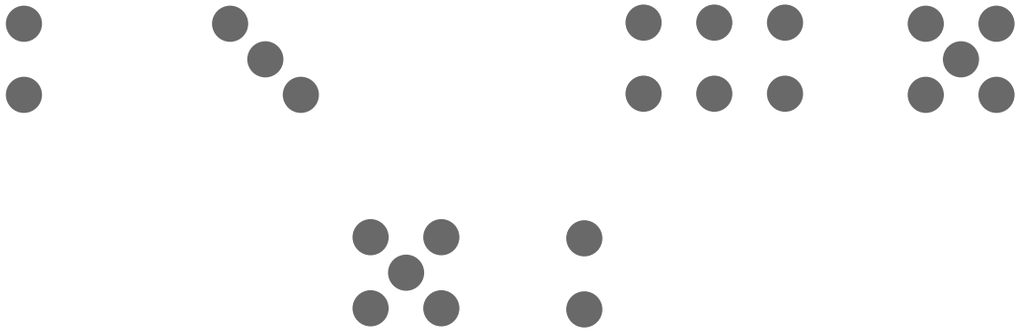
4

3 + 4 5 + 3 4 + 5

Name _____ Date _____

For Problem 5, circle the set of dots that corresponds to the given expression.

5 5 + 2



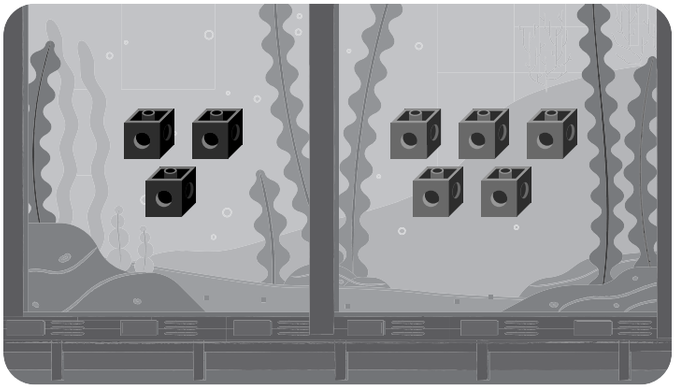
6 Clare wrote an addition expression: 4 + 5.
Draw dots to represent the given expression.

Draw

Name _____ Date _____

Additional Practice 1.06

Refer to the story for Problems 1 and 2.
There are 3 red fish and 5 blue fish in the aquarium.



1 How many fish are there in the aquarium?

answer: _____ fish.

2 Write an addition expression to match the story.

expression: _____

Refer to the story for Problems 3 and 4.
There are 2 turtles and 4 seahorses in the pond.

3 How many animals are there in the pond?

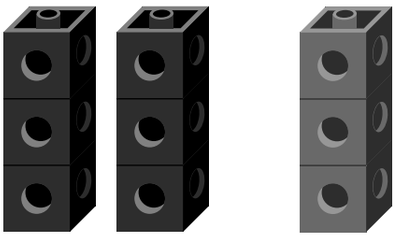
answer: _____ animals.

4 Write an addition expression to match the story.

expression: _____

Name _____ Date _____

For Problem 5, circle the expression that matches the story problem.



5 Ethan has 6 blocks and 3 blocks.

5 + 3 6 + 3 6 + 2

Use the story to complete the table for Problem 6.

6 Priya has 5 blue cubes and 4 orange cubes.

_____ blue cubes
_____ orange cubes
_____ cubes in all
expression: _____

Name _____ Date _____

Additional Practice 1.07

For Problems 1–5, find the sum.

1 4 + 1 = _____

2 2 + 1 = _____

3 1 + 5 = _____

4 9 + 1 = _____

5 1 + 7 = _____

For Problems 6–8, circle the correct sum.

6 8 + 1 = _____

8 9 10

7 1 + 6 = _____

5 6 7

8 2 + 1 = _____

3 4 2

Name _____ Date _____

For Problem 9, circle the set of numbers that shows the correct thinking.

9 11 + 1

For Problems 10–11, find each sum and show your thinking.

Show your thinking.

10 7 + 1 = _____

11 1 + 2 = _____

Name _____ Date _____

Additional Practice 1.08

For Problems 1 and 2, solve the story problem.

Diego picked up 5 crayons from his pencil case. Then, he took 1 more crayon from the pencil box.

1 How many crayons does Diego have?

Diego has _____ crayons.

Clare ate 5 fruit snacks. She got 2 more fruit snacks from her lunch box.

2 How many fruit snacks did Clare eat?

Clare ate _____ fruit snacks.

For Problems 3–6, find the sum.

3 4 + 1 = _____

4 4 + 2 = _____

5 1 + 7 = _____

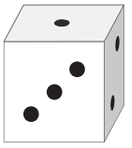
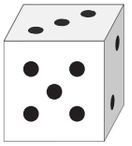
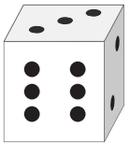
6 2 + 7 = _____

Name _____ Date _____

For Problem 7, circle the set of numbers that shows the correct thinking.

7 9 + 2

8 Noah and Lin are playing a game with dot cubes. Help Noah and Lin complete the table by adding 1 and 2 to the number shown on the dot cube.

Number Rolled	+ 1	+ 2
		
		
		

Name _____ Date _____

Additional Practice 1.09

For Problems 1–4, circle the thumb to show if each equation is *true* or *false*.

1 5 + 4 = 8

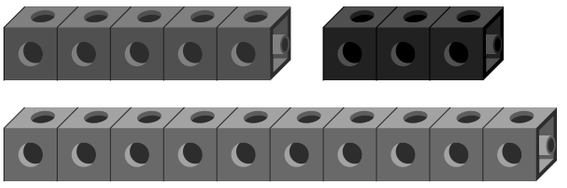
2 7 = 1 + 6

3 3 + 5 = 6 + 2

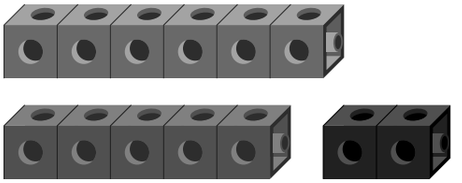
4 7 + 3 = 2 + 9

For Problem 5, circle the equation that is true.

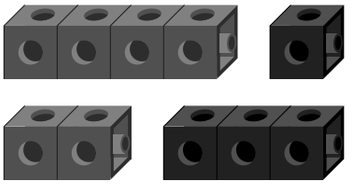
5 5 + 3 = 10



6 = 5 + 2



4 + 1 = 2 + 3



Name _____ Date _____

For Problem 6, help Ying decide if the equation is *true* or *false*.

6 Mark a ✔ under "True" if the equation is true.

Mark a ✔ under "False" if the equation is false.

Equation	True	False
5 = 3 + 8		
12 = 9 + 3		
3 + 7 = 5 + 5		
3 + 4 = 2 + 6		

For Problems 7–9, cross out the equation that is NOT true.

7 1 + 6 = 7 7 + 1 = 6 6 + 1 = 7

8 5 = 2 + 3 3 + 2 = 5 3 = 2 + 5

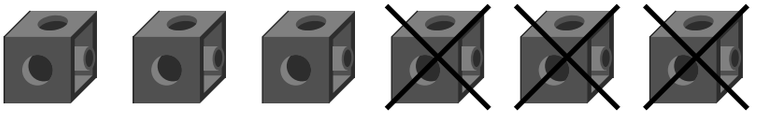
9 4 + 5 = 3 + 4 8 + 2 = 9 + 1

Name _____ Date _____

Additional Practice 1.10

Use the story and picture for Problems 1 and 2.

Clare had 6 cubes. She gave 3 cubes to Priya.



How many cubes does Clare have left?

1 Write a subtraction expression to match the story.

expression: _____

2 How many cubes are left?

There are _____ cubes left.

Use the story for Problems 3 and 4.

There are 8 pretzels on the plate. 2 pretzels fell on the ground.
How many pretzels are still on the plate?

3 Write a subtraction expression to match the story.

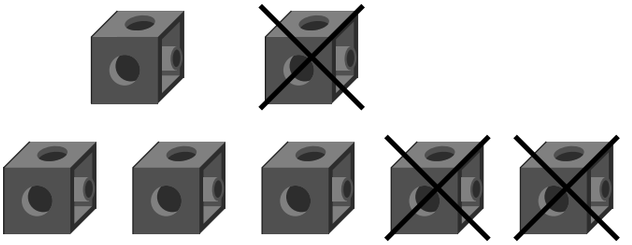
expression: _____

4 How many pretzels are left on the plate?

There are _____ pretzels left on the plate.

Name _____ Date _____

For Problems 5–6, use the picture shown.



5 Circle the expression that matches the picture.

4 – 3 7 – 2 7 – 3

6 Find the difference of the expression you circled in Problem 5.

answer: _____.

For Problem 7, use the story problem given.

Han and Diego saw 5 birds at the park. 1 bird flew away. How many birds are left?

7 Write a subtraction expression that represents the story.

expression: _____

Name _____ Date _____

Additional Practice 1.11

For Problems 1–5, find the difference.

1 8 − 1 _____

2 3 − 1 _____

3 6 − 1 _____

4 7 − 1 _____

5 10 − 1 _____

For Problems 6–7, circle the correct difference.

6 5 − 1

3 4 5

7 9 − 1

10 9 8

Name _____ Date _____

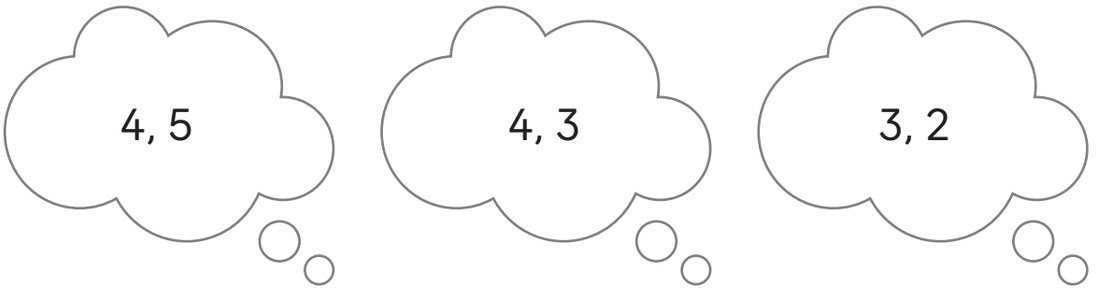
For Problem 8, circle the correct difference.

8 2 − 1

1 2 3

For Problem 9, circle the set of numbers that shows the correct thinking.

9 4 − 1



For Problem 10, circle to show if the statement is *true* or *false*.

10 When you subtract by 1, you can count back by one number.

True False

Name _____ Date _____

Additional Practice 1.12

For Problem 1, find each sum or difference.

1 5 + 1 = _____

5 + 2 = _____

5 − 1 = _____

5 − 2 = _____

For Problems 2–5, find the difference.

2 3 − 1 = _____

3 3 − 2 = _____

4 7 − 1 = _____

5 7 − 2 = _____

Name _____ Date _____

For Problems 6–8, circle the correct sum or difference.

6 6 − 2 =

3 4 5

7 9 − 2 =

7 8 9

8 8 + 2 =

7 9 10

For Problems 9–10, find the sum or difference.

9 4 + 2 = _____

10 4 − 2 = _____

Name _____ Date _____

Additional Practice 1.13

Priya asked her friends about their favorite recess game.

Use the tally chart for Problems 1–4.

Votes for Favorite Game

Kickball	Tag	Hopscotch
𝍸	𝍸	𝍸

1 Write an equation to represent the number of votes for Kickball and Hopscotch.

equation: _____

2 Which equation represents the number of votes for Kickball and Tag?

5 = 4 + 1 9 = 4 + 5 6 = 5 + 1

3 How many friends voted in total?

answer: _____ friends.

4 Priya wrote the equation 1 + 5 = 6. Which two games does Priya's equation represent?

Kickball Hopscotch Tag

Name _____ Date _____

Han created a tally chart to record the performers he saw at the fair. Use the tally chart for Problems 5–6.

Performers at the Fair

Clowns	Jugglers	Magicians
|	||||	|||

5 Write an equation to represent the total number of performers in each pair.

Performers at the Fair	Equation
Clowns and Jugglers	
Jugglers and Magicians	
Magicians and Clowns	

6 Han wrote the equation 8 = 4 + 3 + 1.

What does this equation represent?

_____

_____

Name _____ Date _____

Additional Practice 1.14

Han collected data on the number of drink stands he saw at the fair.

Drink Stands at the Fair

Lemonade	Ice Tea	Snow Cone
𝍸	|	|||

For Problems 1–4, circle to show if the statement is *true* or *false*.

1 Han saw 4 lemonade stands at the fair.


2 Han saw fewer ice tea stands than lemonade stands.


3 Han saw a total of 9 drink stands at the fair.


4 Write a *true* statement that describes the sum of two categories.

_____

_____

Name _____ Date _____

Clare asked her friends to vote for their favorite class.

Use the tally chart for Problems 5–6.

Votes for Favorite Class

Art	Music	P.E.
𝍸	𝍷	𝍸

5 For each statement, check whether the statement is true, false, or you need more information.

Statement	True	False	I need more information
Art had the fewest votes.			
Most students voted for PE.			
7 students voted for art and music.			
Some students voted for lunch.			

6 Write a *true* statement that describes the sum of 2 categories.

_____

Name _____ Date _____

Additional Practice 1.15

Priya collected data on the number of pets she fed at the petting zoo.

Animals Fed at the Petting Zoo

Chickens	Rabbits	Sheep
|||	|	||||

For Problems 1–4, circle 👍 if the question can be answered using the data or 👎 if it cannot.

1 Which type of animal did Priya feed the most?

👍 👎

2 What color were the rabbits at the farm?

👍 👎

3 What did Priya feed the chickens?

👍 👎

4 How many animals did Priya feed in total?

👍 👎

Name _____ Date _____

Diego collected data about which items students like to use at bedtime.

Items Students Use at Bedtime

Favorite Blanket	Night Light	Stuffed Animal
||||	||	𝍸

For Problems 5–8, circle 👍 if the question can be answered using the data or 👎 if it cannot.

5 Do more students prefer to use a night light or a stuffed animal?

👍 👎

6 What time do the students go to bed?

👍 👎

7 How many students did Diego collect data for?

👍 👎

8 Which item does Diego prefer for bedtime?

👍 👎

Grade 1 | Unit 2

Additional Practice

Practice Problems

Name _____ Date _____

Additional Practice 2.02

For Problems 1 and 2, represent the story problem. Then record your answer to the question.

Show your thinking.

1 Han found 5 seashells on the beach. He dug in the sand and found 3 more. How many seashells does Han have now?

answer: _____

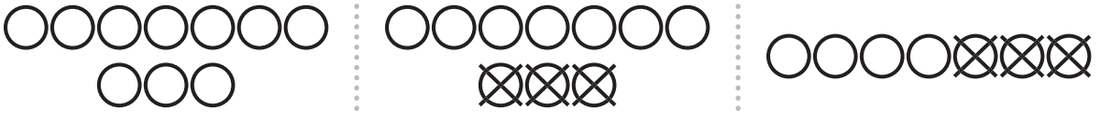
2 Jada had 8 bananas in her basket. She gave 2 to her brother. How many bananas does Jada have left?

answer: _____

Name _____ Date _____

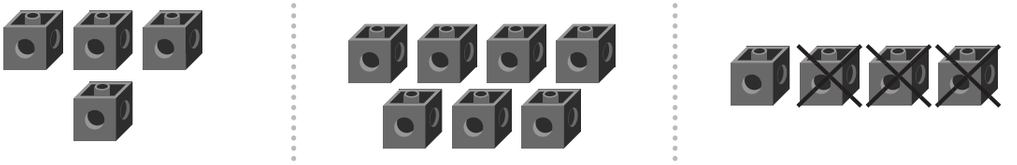
For Problem 3 circle the set that represents the story problem.

3 Shawn counted 7 sea turtles in the sand. 3 sea turtles swam back into the water. How many sea turtles are still in the sand?



For Problem 4 circle the cubes that represents the story problem.

4 Clare plants 4 flowers in the garden. She decided to plant 3 more flowers. How many flowers does she have in all?



Name _____ Date _____

Additional Practice 2.03

For Problems 1 and 2, circle the equation that represents the story problem.

1 Diego had 5 crayons in his pencil case. His teacher gave him 2 more crayons. How many crayons does Diego have now?

5 + 2 = 7

5 - 2 = 3

7 + 2 = 9

2 Priya and her grandpa caught 9 fish from the pond. They threw 4 back into the water. How many fish do they have now?

5 - 4 = 1

4 + 9 = 13

9 - 4 = 5

Name _____ Date _____

For Problems 3 and 4, solve the problem and write an equation to show how you solved it.

Use an underline to show the answer in the equation.

Show your thinking.

3 Han found 6 rocks for his rock collection. His cousin gave him 3 more rocks. How many rocks are in his collection now?

answer: _____

equation: _____

4 There were 8 papayas on the tree. Clare picked 3 of them for her family. How many papayas are left on the tree?

answer: _____

equation: _____

Name _____ Date _____

Additional Practice 2.04

For Problems 1–3, circle the number that represents the answer.

1 There are 4 carrot plants in the garden. Jada added some more carrot plants to the garden. Now, there are 9 carrot plants in the garden. How many carrot plants did Jada add?

5 plants 9 plants 14 plants

2 There are 6 apples in a basket. Shawn picked some more apples from the tree. Now, there are 10 apples in the basket. How many apples did Shawn pick from the tree?

3 apples 4 apples 6 apples

3 Diego counted 3 frogs near the stream. Some more frogs came out of the water. Now, there are 9 frogs near the stream. How many frogs came out of the water?

11 frogs 9 frogs 6 frogs

Name _____ Date _____

For Problems 4 and 5, represent the story problem. Then record your answer to the question.

Show your thinking.

4 There are 7 children playing at the playground. Some more children were brought to the playground. Now, there are 10 children on the playground. How many children were brought to the playground?

answer: _____

5 Han made 2 sandcastles on the beach. Priya made some sandcastles on the beach. Now, there are 6 sandcastles on the beach. How many sandcastles did Priya make?

answer: _____

Name _____ Date _____

Additional Practice 2.05

For Problems 1–2, circle the equation that matches the story problem.

1 Han planted 3 pole beans in part of the garden. His mother decided to plant some more. Now, there are 7 pole beans planted in the garden.How many pole beans did his mother plant?

3 + 7 = _____ 3 + _____ = 7 3 − _____ = 7

2 Jada has 2 flower pots. She found some more in the shed. Now, she has 5 flower pots in all.How many flower pots did she find in the shed?

2 − _____ = 5 2 + 5 = _____ 2 + _____ = 5

Name _____ Date _____

Use the story problem for Problems 3 and 4.

Diego found 5 of his car toys in his toy box. He found some more toy cars under his bed. Now, he has 8 toy cars in total.

How many cars did he find under his bed?

3 Represent the story problem. Then record your answer to the question.

Show your thinking.

answer: _____

4 Circle the equation that represents the story problem.

5 − _____ = 8 5 + 8 = _____ 5 + _____ = 8

Name _____ Date _____

Additional Practice 2.06

For Problems 1–3, solve the problem and write an equation to show how you solved it.

Use an underline to show the answer in the equation.

Show your thinking.

1 Clare had 4 pineapple plants in her garden. Her grandmother planted 3 more. How many pineapple plants are in the garden now?

answer: _____

equation: _____

Name _____ Date _____

Show your thinking.

2 Diego found 6 seashells on the shore. He started digging and found some more shells. Now, Diego has 10 seashells in total. How many shells did he find when digging?

answer: _____

equation: _____

3 Priya saw 2 butterflies in front of her house. She went into the garden and saw some more butterflies. Priya saw a total of 5 butterflies. How many butterflies did Priya see in the garden?

answer: _____

equation: _____

Name _____ Date _____

Additional Practice 2.07

For Problems 1 and 2, write 2 equations that could be used to solve the problems.

Use an underline to show the answer in the equation.

Show your thinking.

1 At the lunch table, there are 5 apples and 3 oranges. How many pieces of fruit are at the lunch table in all?

equation 1: _____ **equation 2:** _____

answer: _____

2 Han saw 4 caterpillars and 2 centipedes in the garden. How many insects did Han see in total?

equation 1: _____ **equation 2:** _____

answer: _____

Name _____ Date _____

Use the story problem for Problem 3.

Shawn picked 3 tulips and 2 roses from the garden.
How many flowers did Shawn pick?

3 Circle the equation that matches the story problem.

2 + 1 = 3 3 + 1 = 4 2 + 3 = 5

Use the story problem for Problems 4 and 5.

Diego saw 1 rabbit and 3 squirrels in the backyard.
How many animals did Diego see?

4 Cross out the set of circles that does **not** match the story problem.

5 Write an equation that represents the problem.

_____

Name _____ Date _____

Additional Practice 2.08

For Problems 1 and 2, solve the problem and write an equation to show how you solved it.

Use an underline to show the answer in the equation.

Show your thinking.

1 Clare is planting 9 vegetable seeds. There are 5 bean seeds. The rest are pepper seeds. How many pepper seeds does she have?

answer: _____

equation: _____

2 Han is helping his mother pull weeds from the garden. Han pulled 3 dandelions. His mother pulled 2 chickweeds. How many weeds did they pull from the garden?

answer: _____

equation: _____

Name _____ Date _____

Use the story problem for Problems 3 and 4.

Diego picked 8 strawberries from the garden.
He ate some and put 6 strawberries in the basket.

How many strawberries did Diego eat?

3 Circle the equation that can be used to solve the story problem.

6 + _____ = 8 4 + _____ = 6 8 + 6 = _____

4 How many strawberries did Hunter eat?

Show your thinking.

answer: _____

equation: _____

Name _____ Date _____

Additional Practice 2.09

For Problems 1 and 2, solve the problem and write an equation to show how you solved it.

Use an underline to show the missing number in the equation.

Show your thinking.

1 There are 8 paint containers in the shed. 2 of the containers have been opened and the rest are closed. How many containers are closed?

answer: _____

equation: _____

2 Priya and her brother have 9 marbles. Priya has 5 of the marbles. How many does her brother have?

answer: _____

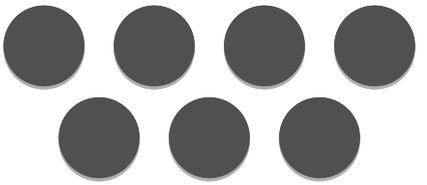
equation: _____

Name _____ Date _____

Use the story problem for Problems 3 and 4.

There are 10 counters in total.
7 counters are outside the cup.

How many counters are under the cup?



3 Cross out the equation that cannot be used to solve the story problem.

7 + 10 = _____ 10 − 7 = _____ 7 + _____ = 10

4 How many counters are under the cup?

Show your thinking.

answer: _____

Name _____ Date _____

Additional Practice 2.10

For Problems 1 and 2, solve the problem and write an equation to show how you solved it.

Show your thinking.

1 Han made a salad for his family. He used 3 cups of lettuce and 2 cups of tomatoes. How many cups of vegetables did he use?

answer: _____ **equation:** _____

2 Jada puts 9 tablespoons of toppings on her yogurt. She uses 4 tablespoons of granola and the rest is fruit. How many tablespoons of fruit does Jada use?

answer: _____ **equation:** _____

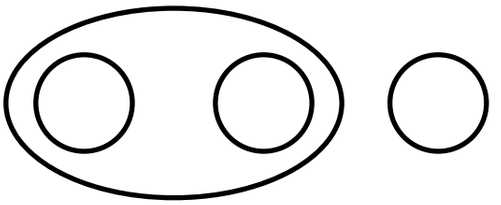
Name _____ Date _____

Use the story problem for Problems 3 and 4.

A family is making pizza together. They use 3 cups of ingredients in total. They use 2 cups of cheese. The rest is sauce. How many cups of sauce does the family use?

answer: _____

Shawn drew a picture to solve the problem.



_____ _____

3 Label Shawn's picture to match the problem.

4 Circle the equation that represents the story problem.

$\underline{2} + 3 = 5$ $2 + \underline{1} = 3$ $3 + \underline{1} = 4$

Name _____ Date _____

Additional Practice 2.11

For Problems 1 and 2, solve the problem and write equations to represent your answers. Try to find as many possible answers as you can.

Show your thinking.

1. Priya is planting 8 flowers in her garden. She can choose between tulips and daffodils. How many of each flower can she plant?

2. There are 10 animals at the pet shelter. The shelter only has cats and dogs. How many of each animal could there be?

Name _____ Date _____

Use the story problem for Problem 3.

A piggy bank has 7 coins. Some are nickels, and some are dimes. How many of each coin could she have?

3 Clare wrote a list of equations to represent the number of nickels and dimes are in the piggy bank. Help Clare's finish the list.

nickels		dimes	
1	+	6	= 7
2	+	5	= 7
3	+	4	= 7
4	+	_____	= 7
5	+	_____	= 7
6	+	_____	= 7

Solve the problem. Write equations to represent your answers. Find as many possible answers as you can.

4 Shawn has 9 pencils in his pencil case. Some are sharpened and some are unsharpened. How many of each kind of pencil could Shawn have?

Show your thinking.

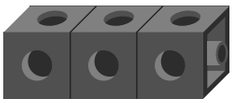
Name _____ Date _____

Additional Practice 2.12

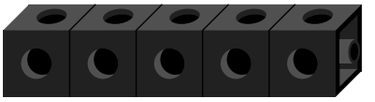
1 Kainoa and James built towers with their cubes. Show a way Kainoa and James could make the towers equal.

Show your thinking.

Kainoa's Tower



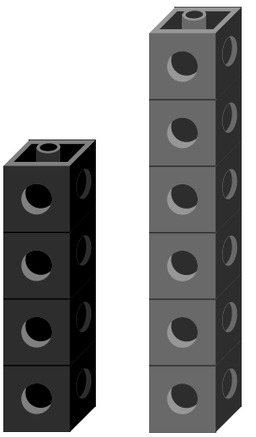
James's Tower



Write an equation to represent how you made the towers equal.

equation: _____

2 Han built a tower with 4 cubes and another tower with 6 cubes.



Han can make the towers equal by _____.

Circle the best answer

Adding 4 more cubes to the tower on the left

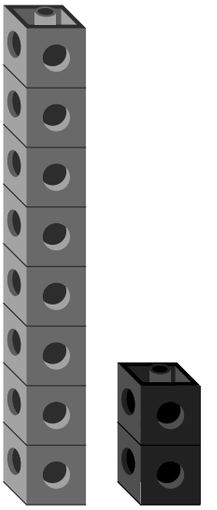
Adding 2 more cubes to the tower on the left

Subtracting 4 cubes from the tower on the right

Name _____ Date _____

3 Jada built a tower with 8 cubes and another tower with 2 cubes.

Write 2 equations to represent how she could make the towers equal.



equation 1: _____

equation 2: _____

4 Diego built a tower with 5 orange cubes and another tower with 9 blue cubes. Diego does not have any more orange cubes.

Show how Diego could make the towers equal and write an equation to represent how he could make the towers equal.

Show your thinking.

Name _____ Date _____

Additional Practice 2.13

For Problems 1 and 2, solve the problem.

Show your thinking.

1 There are 7 plants and 4 flowerpots. How many *more* plants are there than flowerpots?

answer: _____

2 Clare sees 3 beetles and 8 ladybugs in the garden. How many *fewer* beetles are there than ladybugs?

answer: _____

Name _____ Date _____

For Problems 3–6, solve the problem.

Show your thinking.

3 There are 5 shovels and 3 hand rakes in the shed. How many *more* shovels are there than hand rakes?

answer: _____

4 There are 7 paintbrushes and 2 buckets. How many *fewer* buckets are there than paintbrushes?

answer: _____

5 There are 6 grapes and 9 strawberries in a bowl. How many *fewer* grapes are there than strawberries?

answer: _____

6 There are 2 pairs of boots and 6 umbrellas by the door. How many *more* umbrellas are there than pairs of boots?

answer: _____

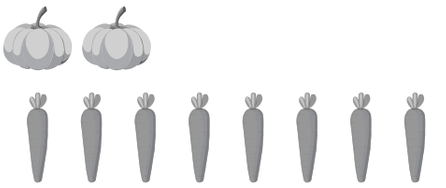
Name _____ Date _____

Additional Practice 2.14

For Problems 1–3, use the representation to solve the problem and record your answer.

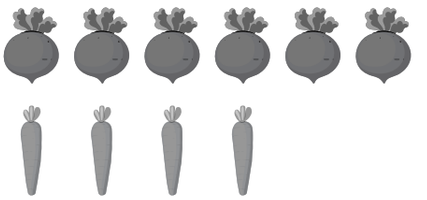
Show your thinking.

1 Kainoa picked 2 pumpkins and 8 carrots. How many *fewer* pumpkins did Kainoa pick than carrots?



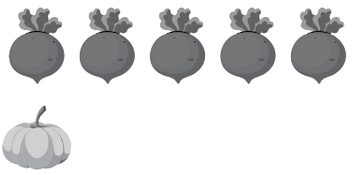
answer: _____

2 Max picked 6 beets and 4 carrots. How many *more* beets did Max pick than carrots?



answer: _____

3 Dani picked 5 beets and 1 pumpkin. How many *fewer* pumpkins did Dani pick than beets?



answer: _____

Name _____ Date _____

Use the data table to complete Problems 4 and 5.

Strawberries	Blueberries	Raspberries
6	9	4

Show your thinking.

4 How many *more* blueberries are there than raspberries?

answer: _____

5 How many *fewer* strawberries are there than blueberries?

answer: _____

Name _____ Date _____

Additional Practice 2.15

Use the story problem for Problem 1.

Lola's broccoli plant gets 4 hours of sunlight each day. Her carrot plant gets 2 hours of sunlight each day. How many more hours of sunlight does the broccoli plant get than the carrot plant?

Show your thinking.

1 Circle the equations that could be used to find the difference.

$4 - 2 = \_\_\_\_\_$ $4 + 2 = \_\_\_\_\_$ $2 + \_\_\_\_\_ = 4$

Name _____ Date _____

Use the story problem for Problem 2.

2 There are 9 glue sticks in the classroom. There are 5 glue bottles in the classroom. How many more glues sticks are in the classroom than glue bottles? Diego thinks an equation could be used to find the difference. Do you agree or disagree?

Show your thinking.

equation: _____

Name _____ Date _____

Additional Practice 2.16

Solve Problems 1 and 2 and write an equation to show how you solved each problem. Use an underline to show the answer in the equation.

Show your thinking.

1 There are 6 votes for going hiking and 2 votes for bird-watching at the park. How many *fewer* votes are there for bird-watching?

answer: _____ **equation:** _____

2 There are 5 different types of trees and 8 type of flowers in the nature park. How many *more* types of flowers are there than types of trees?

answer: _____ **equation:** _____

Name _____ Date _____

For Problems 3–5, use the table of data about students' favorite outdoor activity. Write an answer and the equation you used to solve it.

Riding a bike	Go to the park	Playing catch
6	8	3

3 How many students like riding a bike or playing catch?

answer: _____ **equation:** _____

4 How many *fewer* students like riding a bike than going to the park?

answer: _____ **equation:** _____

5 How many *more* students like riding a bike than playing catch?

answer: _____ **equation:** _____

Name _____ Date _____

Additional Practice 2.17

Solve Problems 1 and 2 and write an equation to show how you solved each problem. Use an underline to show the answer in the equation.

Show your thinking.

1 There are 9 frogs in a pond. 4 of them are brown and the rest are green. How many frogs are green?

answer: _____ **equation:** _____

2 There are 8 pots in the kitchen. 2 are dirty and the rest are clean. How many pots are clean?

answer: _____ **equation:** _____

Name _____ Date _____

For problems 3–4, write the answer and an equation.

3 There were 3 apples in a fruit bowl. Shawn put some more in the bowl. Now there are 8 apples in the bowl. How many apples did Shawn put in the bowl?

answer: _____ **equation:** _____

4 There are 7 plants in the garden. 5 plants are vegetables, and the rest are fruits. How many plants are fruits?

answer: _____ **equation:** _____

Use the story problem for Problem 5.

There are 4 green apples and 1 red apple in a basket. How many *more* green apples are there than red apples?

5 Circle the equation that shows how to solve the problem.

4 + 1 = 5 4 = 1 + 3 2 + 3 = 5

Name _____ Date _____

Additional Practice 2.18

For Problems 1 and 2, solve the problem and write an equation to show your answer.

Use an underline to show the answer in the equation.

Show your thinking.

1 There are 7 watering cans and 3 shovels in the shed. How many *more* watering cans are there than shovels?

answer: _____

equation: _____

2 There are 9 children planting seeds in the garden. There are 4 students pulling weeds in the garden. How many *fewer* students are pulling weeds than planting seeds?

answer: _____

equation: _____

Name _____ Date _____

For Problems 3 and 4, write the answer and an equation.

3 Priya saw 5 birds in the bird feeder. Some more birds flew to the feeder. Now there are 8 birds in the bird feeder. How many birds flew to the bird feeder?

answer: _____

equation: _____

4 The garden has 6 tulips and some daffodils. There are 10 flowers in the garden in total. How many flowers are daffodils?

answer: _____

equation: _____

Name _____ Date _____

Additional Practice 2.19

For Problems 1–3, circle 2 equations that could be used to represent the problem.

1 There were 5 birds at the fountain. 3 more birds joined. How many birds are at the fountain now?

$5 + 3 =$ _____ $5 - 3 =$ _____ $3 + 5 =$ _____

2 There are 6 yellow squashes at the farm. There are 2 green squashes. How many *fewer* green squashes are there than yellow squashes?

$6 + 2 =$ _____ $6 - 2 =$ _____ $2 +$ _____ $= 6$

3 There are 4 garden tools in the yard. Han got some garden tools out of the shed. Now there are 9 garden tools in the yard. How many garden tools did Han get out of the shed?

$4 +$ _____ $= 9$ $9 - 4 =$ _____ $4 + 9 =$ _____

Name _____ Date _____

For Problems 4 and 5, solve the problem and write an equation to show how you solved it.

Use an underline to show the answer in the equation.

Show your thinking.

4 There were 7 beet plants in the garden. 1 of the beet plants was picked. How many beet plants are in the garden now?

answer: _____

equation: _____

5 There were 8 squirrels eating from the feeder. Some more squirrels joined. Now 10 squirrels are eating from the feeder. How many squirrels joined?

answer: _____

equation: _____

Name _____ Date _____

Additional Practice 2.20

For Problems 1 and 2, solve the problem and write an equation to show how you solved it.

Use an underline to show the answer in the equation.

Show your thinking.

1 There are 7 plates on the picnic table. There are 4 forks on the picnic table. How many *more* plates are there than forks on the table?

answer: _____

equation: _____

2 At the party, there are 5 friends in the backyard. There are some friends inside the house. There are 9 friends in total. How many friends are inside the house?

answer: _____

equation: _____

Name _____ Date _____

For Problems 3 and 4, solve the problem and write an equation to show how you solved it.

Use an underline to show the answer in the equation.

Show your thinking.

3 There are 6 cups of strawberries in a fruit salad. There is 1 cup of pineapples in the fruit salad. How many *fewer* cups of pineapples are there than strawberries?

answer: _____

equation: _____

4 There are 4 blue balloons in backyard. There are 5 balloons near the front door. How many balloons are there in all?

answer: _____

equation: _____

Grade 1 | Unit 3

Additional Practice

Practice Problems

Name _____ Date _____

Additional Practice 3.02

For Problems 1–6, find the sum.

1. $3 + 1 =$ _____

2. $3 + 2 =$ _____

3. $3 + 3 =$ _____

4. $3 + 4 =$ _____

5. $3 + 5 =$ _____

6. $3 + 6 =$ _____

Name _____ Date _____

For Problems 7–12, find the number that makes the equation true.

7 7 + _____ = 8

8 6 + _____ = 8

9 5 + _____ = 8

10 4 + _____ = 8

11 3 + _____ = 8

12 2 + _____ = 8

Name _____ Date _____

Additional Practice 3.03

For Problems 1–4, find the difference.

1 7 − 1 = _____

2 7 − 2 = _____

3 7 − 3 = _____

4 7 − 4 = _____

5 Look at the pattern in Problems 1–4 and use it to find the difference.

7 − 5 = _____

For Problems 6–9, find the difference.

6 9 − 7 = _____

7 9 − 6 = _____

8 9 − 5 = _____

9 9 − 4 = _____

10 Look at the pattern in Problems 6–9 and use it to find the difference.

9 − 3 = _____

Name _____ Date _____

For Problems 11–13, circle the number that makes the equation true.

11 8 − 5 = ___

2 3 4

12 8 − 4 = ___

8 6 4

13 8 − 3 = ___

5 6 7

Clare has 6 stickers. Each day she gives 1 sticker away.

14 Complete the table to show how many stickers she has left.

Day	Expression	Number of Stickers Left
1	6 − 1	5
2	6 − 2	4
3	6 − 3	_____
4	6 − 4	_____
5	6 − 5	_____

Name _____ Date _____

Additional Practice 3.04

For Problems 1–3, draw lines to match each subtraction equation with its corresponding addition equation.

1 $7 - 6 =$ _____ $5 + 4 = 9$

2 _____ $= 9 - 5$ $3 + 5 = 8$

3 $8 - 3 =$ _____ $1 + 6 = 7$

For Problems 4–7, write an addition equation with an unknown addend that could help you find the difference. Then, find the difference.

	Addition Equation		Difference
4	$7 - 4$		
5	$10 - 3$		
6	$8 - 2$		
7	$6 - 1$		

Name _____ Date _____

For Problems 8–12, find the difference.

8 8 − 6 = _____

9 5 − 1 = _____

10 9 − 3 = _____

11 10 − 7 = _____

12 6 − 5 = _____

For Problems 13–15, circle the number that makes the equation true.

13 8 − 4 = ___

4 5 6

14 10 − 7 = ___

4 5 3

15 7 − 1 = ___

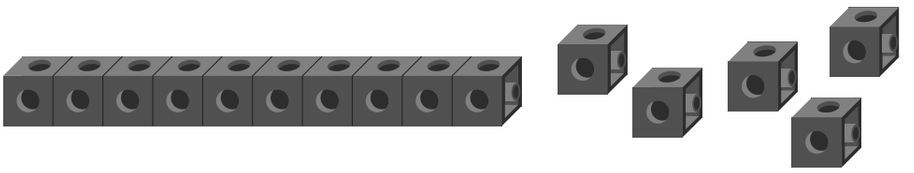
5 6 7

Name _____ Date _____

Additional Practice 3.05

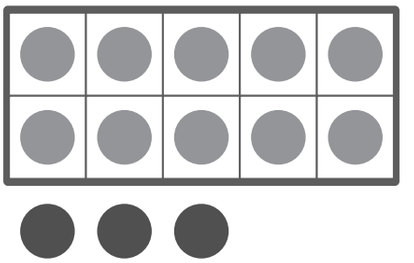
For Problems 1–2, tell what number is represented.

1 What number is represented by the connecting cubes?



There are _____ cubes.

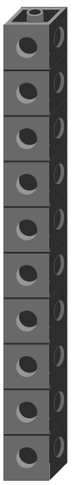
2 What number is represented by the counters?



There are _____ counters.

3 Shawn wants to show the number 14 using tens and some ones. Help Shawn finish representing the number 14 by showing the correct number of ones.

Show your thinking.



Name _____ Date _____

For Problems 4 and 5, represent the teen number as a ten and some ones.

Show your thinking.

4 12

5 16

6 Represent the number 13 as a ten and some ones. Show the number in 2 different ways.

Show your thinking.

Name _____ Date _____

Additional Practice 3.06

For Problems 1–4, find the missing numbers that make the equations true.

1 $6 - 3 = \_\_\_\_\_$

$3 + \_\_\_\_\_ = 6$

2 $8 - 2 = \_\_\_\_\_$

$2 + \_\_\_\_\_ = 8$

3 $4 - 3 = \_\_\_\_\_$

$3 + \_\_\_\_\_ = 4$

4 $7 - 4 = \_\_\_\_\_$

$4 + \_\_\_\_\_ = 7$

For Problems 5–8, find the missing numbers to complete the sums. You can use what you know about teen numbers if it helps.

5 $10 + \_\_\_\_\_ = 15$

6 $16 = 10 + \_\_\_\_\_$

7 $2 + \_\_\_\_\_ = 12$

8 $17 = \_\_\_\_\_ + 7$

Name _____ Date _____

For Problems 9–14, find the difference.

9 10 − 8 = _____

10 10 − 4 = _____

11 10 − 5 = _____

12 10 − 7 = _____

13 10 − 3 = _____

14 10 − 6 = _____

15 Draw lines to match each addition equation with the correct sum.

10 + 9 = _____

_____ = 10 + 2

10 + 1 = _____

11

19

12

Name _____ Date _____

Additional Practice 3.07

For Problems 1 and 2, solve the problem and write an equation to show how you solved it.

Use an underline to show the answer in the equation.

Show your thinking.

1 Last week, Han glued some pictures into his scrapbook.
This week, he added 7 more pictures.
Now, there are 17 pictures in total.
How many pictures did Han add last week?

answer: _____

equation: _____

2 Jada loves baking and keeps a list of her favorite recipes.
She wrote down some pie recipes and 10 cookie recipes. There are 15 recipes written in all.
How many of them are pie recipes?

answer: _____

equation: _____

Name _____ Date _____

For Problems 3 and 4, solve the problem and write an equation to show how you solved it.

Use an underline to show the answer in the equation.

3 Priya keeps her award ribbons in a storage box.
She already had some attendance ribbons in the box.
Then, she added 4 citizenship ribbons.
Now, there are 14 ribbons in total.
How many of them are attendance ribbons?

Show your thinking.

answer: _____

equation: _____

4 Diego collects postcards from places he visits.
He already had 10 old postcards from previous years.
This year, he collected some new ones.
Now, he has 12 postcards in all.
How many new postcards did he collect this year?

Show your thinking.

answer: _____

equation: _____

Name _____ Date _____

Additional Practice 3.08

For Problems 1–4, find the numbers that make the equations true.

1 15 + _____ = 17

2 11 + _____ = 18

3 _____ + 6 = 19

4 _____ + 1 = 15

5 Solve the problem and write an equation to show how you solved it.

Use an underline to show the answer in the equation.

The class earned 13 points last week.
This week, they earned 5 more points.
How many points does the class have in total now?

Show your thinking.

answer: _____

equation: _____

Name _____ Date _____

For Problems 6–11, find the sum.

6 12 + 8 = _____

7 17 + 2 = _____

8 3 + 15 = _____

9 5 + 14 = _____

10 13 + 4 = _____

11 2 + 16 = _____

12 Solve the problem and write an equation to show how you solved it.

Use an underline to show the answer in the equation.

Clare has 12 picture books on her shelf.
Her mom brings home 3 more picture books.
How many picture books does Clare have in total now?

Show your thinking.

answer: _____

equation: _____

Name _____ Date _____

Additional Practice 3.09

1 Solve the problem and write an equation to show how you solved it.

Use an underline to show the answer in the equation.

Clare has 19 pencils.
She gave 3 pencils to her friend.
How many pencils does Clare have left?

Show your thinking.

answer: _____

equation: _____

2 Explain how you solved Problem 1.

_____

_____

_____

Name _____ Date _____

For Problems 3–9, find the difference.

3 16 − 2 = _____

4 18 − 6 = _____

5 16 − 3 = _____

6 19 − 4 = _____

7 15 − 3 = _____

8 17 − 3 = _____

9 12 − 1 = _____

10 Solve the problem and write an equation to show how you solved it.

Use an underline to show the answer in the equation.

Han needs to hand out 16 flyers for a local business.
He has already given out 5 flyers.
How many more flyers does he still need to pass out?

Show your thinking.

answer: _____

equation: _____

Name _____ Date _____

Additional Practice 3.10

For Problems 1 and 2, solve each problem and write an equation to show how you solved it.

Use an underline to show the answer in the equation.

Show your thinking.

1 Diego includes many pictures of his family in his scrapbook. He has 7 pictures of his parents, 5 pictures of his grandparents, and 3 pictures of his aunts and uncles.

How many family pictures does Diego have in his scrapbook?

answer: _____

equation: _____

2 Han wants to add his ticket stubs to his scrapbook. He has 6 movie ticket stubs, 4 theater ticket stubs, and 3 sports ticket stubs.
How many ticket stubs does Han have in total?

answer: _____

equation: _____

Name _____ Date _____

For Problems 3–7, circle the two numbers you would add first and explain why.

3 5 + 8 + 5 _____

4 3 + 7 + 6 _____

5 4 + 8 + 4 _____

6 6 + 2 + 4 _____

7 2 + 3 + 8 _____

For Problems 8–12, find the sum.

8 7 + 4 + 3 = _____

9 5 + 6 + 4 = _____

10 8 + 2 + 7 = _____

11 3 + 7 + 3 = _____

12 9 + 2 + 1 = _____

Name _____ Date _____

Additional Practice 3.11

For Problems 1–4, draw lines to match the expressions that have the same value.

1	3 + 8 + 7	10 + 5
2	4 + 6 + 2	10 + 8
3	1 + 5 + 9	10 + 3
4	3 + 2 + 8	10 + 2

For Problems 5–8, write an expression that shows 10 + a number of ones with the same value, then find the total.

	Expression with 3 Addends	Equivalent Expression (10 + _____)	Value
5	1 + 2 + 8		
6	4 + 5 + 6		
7	5 + 6 + 5		
8	7 + 3 + 3		

Name _____ Date _____

For Problems 9–12, circle the thumb to show if each equation is *true* or *false*.

9 5 + 4 + 6 = 10 + 4 

10 7 + 2 + 3 = 10 + 2 

11 10 + 7 = 2 + 7 + 8 

12 10 + 9 = 1 + 9 + 1 

13 Han walks dogs in the neighborhood. On Friday, he walks 3 dogs. On Saturday, he walks 6 dogs, and on Sunday, he walks 4 dogs. Han says he can use the equation 10 + 3 to find the total number of dogs he walked. Do you agree with Han? Explain your thinking.

Name _____ Date _____

Additional Practice 3.12

For Problems 1 and 2, solve each problem and write an equation to show how you solved it.

Use an underline to show the answer in the equation.

Show your thinking.

1 Diego decorated 8 pages in his scrapbook using stickers.
He decorated 7 pages using crayons.
How many pages did he decorate in all?

answer: _____

equation: _____

2 Clare likes to write and draw in her journals.
She has 9 journals for writing and 4 journals for drawing.
How many journals does Clare have in total?

answer: _____

equation: _____

Name _____ Date _____

For Problems 3–7, find the sum.

3 9 + 5 = _____

4 6 + 7 = _____

5 8 + 6 = _____

6 7 + 8 = _____

7 4 + 9 = _____

Name _____ Date _____

Additional Practice 3.13

For Problems 1–7, circle the thumb to show if each equation is *true* or *false*.

1 $8 + 5 = 10 + 3$


2 $6 + 8 = 10 + 5$


3 $5 + 7 = 4 + 10$


4 $9 + 8 = 10 + 7$


5 $10 + 4 = 7 + 7$


6 $4 + 9 = 10 + 2$


7 $10 + 6 = 8 + 8$


Name _____ Date _____

For Problems 8–15, write the number that makes the equation true.

8 7 + 8 = 10 + _____

9 5 + 9 = 10 + _____

10 6 + 7 = 10 + _____

11 9 + 3 = 10 + _____

12 8 + 8 = 10 + _____

13 6 + 5 = 10 + _____

14 9 + 7 = 10 + _____

15 7 + 7 = 10 + _____

Name _____ Date _____

Additional Practice 3.14

For Problems 1–5, look at the first step Shawn wrote to find the unknown sum. Record an equation that shows what Shawn could do next.

	Strategy	Sum
1 5 + 9 = _____	first step: 5 + 10 = 15 next step: _____	_____
2 8 + 6 = _____	first step: 8 + 8 = 16 next step: _____	_____
3 7 + 5 = _____	first step: 5 + 5 = 10 next step: _____	_____
4 6 + 7 = _____	first step: 6 + 6 = 12 next step: _____	_____
5 9 + 8 = _____	first step: 10 + 8 = 18 next step: _____	_____

Name _____ Date _____

For Problems 6–10, circle to show if the equation is *true* or *false*.

	Equation	True or False?
6	7 + 3 = 7 + 2 + 1	
7	5 + 5 + 6 = 11 + 5	
8	2 + 3 + 5 = 7 + 2	
9	6 + 6 = 3 + 3 + 3	
10	8 + 8 = 4 + 4 + 8	

Name _____ Date _____

Additional Practice 3.15

1 Solve the problem and write an equation to show how you solved it.

Use an underline to show the answer in the equation.

Han found blocks of different shapes.
He found 5 cylinders, 6 spheres, and 5 cones.
How many blocks did Han find in total?

Draw

answer: _____

equation: _____

Name _____ Date _____

For Problems 2–5, find the sum.

2 3 + 4 + 8 = _____

3 5 + 4 + 8 = _____

4 2 + 9 + 3 = _____

5 7 + 6 + 3 = _____

Name _____ Date _____

Additional Practice 3.16

1 Solve the problem and write an equation to show how you solved it.

Use an underline to show the answer in the equation.

Priya had 16 block shapes. She uses 7 to build a tower. How many blocks does she have left?

Draw

answer: _____

equation: _____

Name _____ Date _____

For Problems 2–5, find the difference.

2 15 − 6 = _____

3 17 − 9 = _____

4 13 − 8 = _____

5 14 − 7 = _____

Name _____ Date _____

Additional Practice 3.17

For Problems 1–5, write a subtraction expression to show how much you can subtract first to reach 10.

1. 11 − 3 _____

2. 16 − 9 _____

3. 15 − 7 _____

4. 12 − 5 _____

5. 18 − 9 _____

For Problems 6–10, find the difference.

6. 11 − 3 _____

7. 16 − 9 _____

8. 15 − 7 _____

9. 12 − 5 _____

10. 18 − 9 _____

Name _____ Date _____

For Problems 11–15, find the number that makes the equation true.

11 13 − 4 = _____

12 11 − 1 = _____

13 19 − 8 = _____

14 15 − 4 = _____

15 14 − 6 = _____

Name _____ Date _____

Additional Practice 3.18

1 Solve the problem and write an equation to show how you solved it.

Use an underline to show the answer in the equation.

Diego has 19 cards and 16 classmates.
How many more cards does Diego have than classmates?

Show your thinking.

answer: _____

equation: _____

For Problems 2–5, find the difference.

2 16 − 13 _____

3 18 − 16 _____

4 15 − 11 _____

5 12 − 10 _____

Name _____ Date _____

6 Solve the problem and write an equation to show how you solved it.

Use an underline to show the answer in the equation.

Han had 16 balloons.
Some balloons popped.
Now, there are 11 balloons left.
How many balloons popped?

Show your thinking.

answer: _____

equation: _____

For Problems 7–10, find the difference.

7 11 − 4 _____

8 18 − 9 _____

9 15 − 4 _____

10 12 − 11 _____

Name _____ Date _____

Additional Practice 3.19

1 Solve the problem and write an equation to show how you solved it.

Use an underline to show the answer in the equation.

Van played with 14 marbles at recess.
He gave some marbles to Shell and kept the rest.
Van kept 8 marbles.
How many marbles did he give to Shell?

Show your thinking.

answer: _____

equation: _____

Name _____ Date _____

For Problems 2–5, find the difference.

2 14 − 6 _____

3 16 − 9 _____

4 13 − 7 _____

5 12 − 4 _____

For Problems 6–9, find the number that makes the equation true.

6 12 − 6 = _____

7 13 − 5 = _____

8 13 − 3 = _____

9 18 − 6 = _____

Name _____ Date _____

Additional Practice 3.20

1 Solve the problem and write an equation to show how you solved it.

Use an underline to show the answer in the equation.

There were 5 stories in a journal.
Then, Jada wrote some more stories.
Now, there are 13 stories in total.
How many stories did Jada write?

Show your thinking.

answer: _____

equation: _____

Name _____ Date _____

2 Solve the problem and write an equation to show how you solved it.

Use an underline to show the answer in the equation.

There were 8 books on a shelf.
Then, Diego added some more books to the shelf.
Now, there are 14 books.
How many books did Diego add?

Show your thinking.

answer: _____

equation: _____

For Problems 3–6, find the missing numbers that make the equations true.

3 18 − _____ = 14

14 + _____ = 18

4 17 − _____ = 11

11 + _____ = 17

5 15 − _____ = 12

12 + _____ = 15

6 19 − _____ = 14

14 + _____ = 19

Grade 1 | Unit 4

Additional Practice

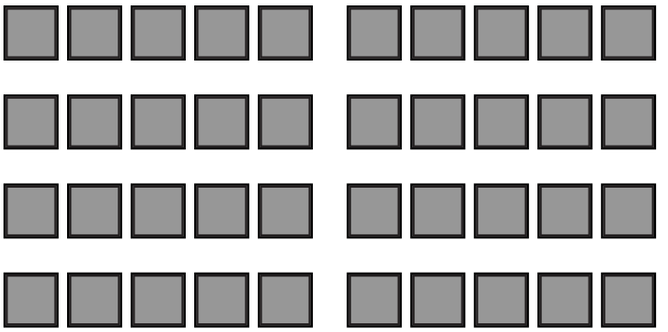
Practice Problems

Name _____ Date _____

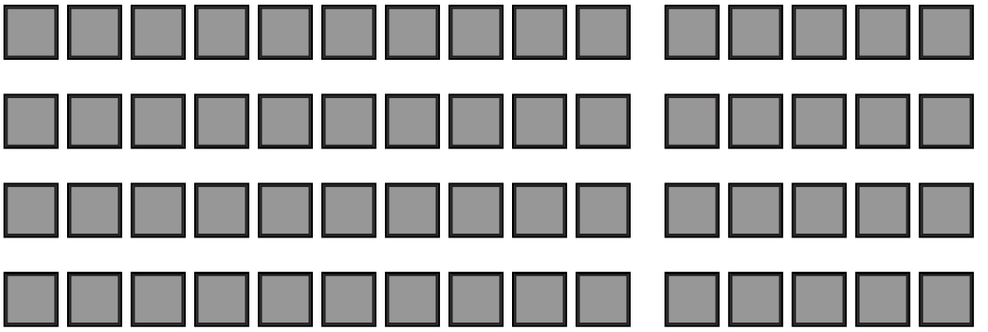
Additional Practice 4.02

For Problems 1–3, circle groups of 10.

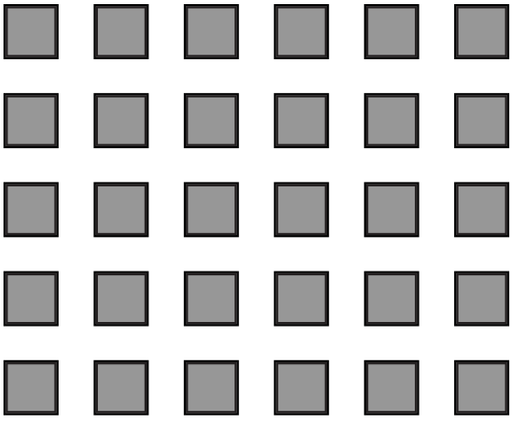
1



2



3



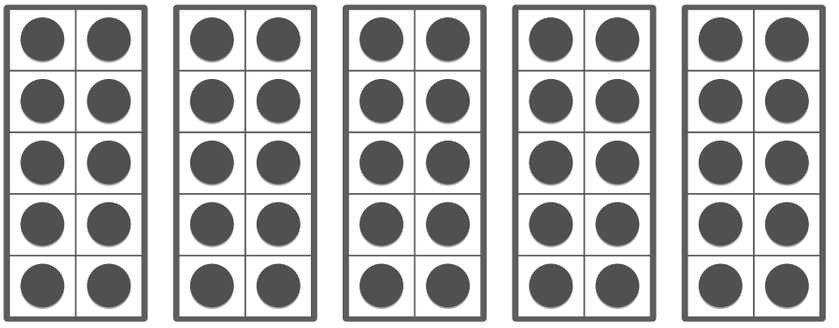
4 Fill in the numbers to count by 10.

10, 20, _____, _____, 50, _____, _____, 80, _____, _____

Name _____ Date _____

For Problems 5–7, find the total number of counters.

5



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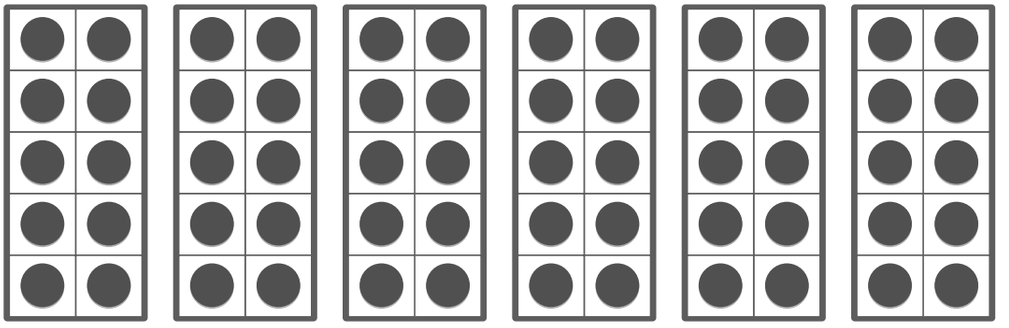
6



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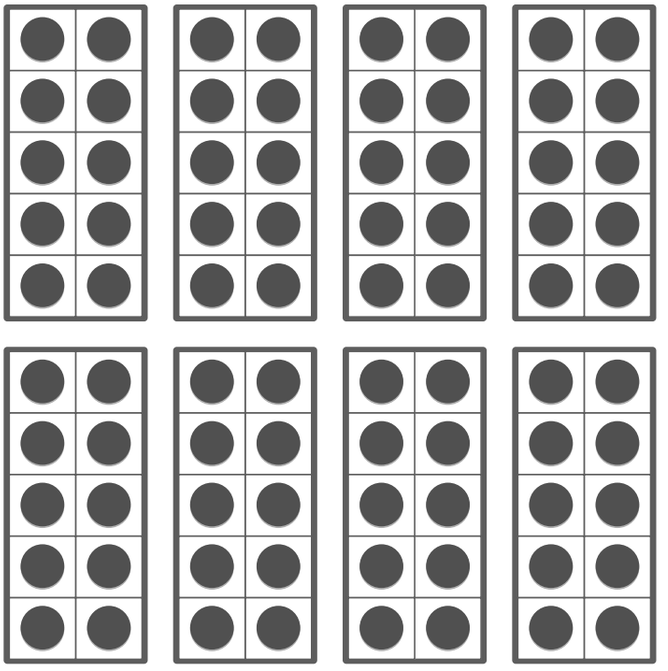
7



_____

Name _____ Date _____

Additional Practice 4.03

For Problems 1–4, show different ways to make each number.

1 50

2 3 tens

3 9 tens

4 60

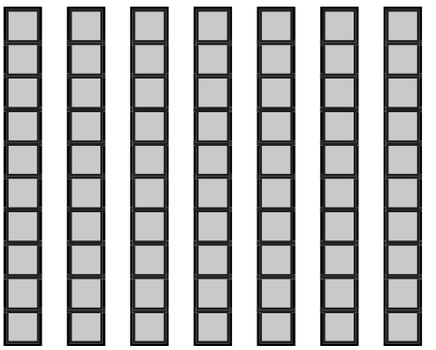
Name _____ Date _____

For Problems 5–9, draw a line to match the numbers.

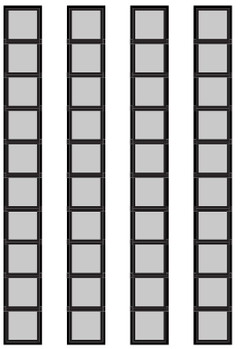
5 70

9 tens

6 40



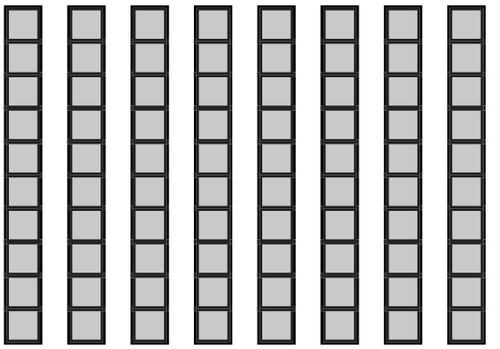
7 20



8 80

2 tens

9 90

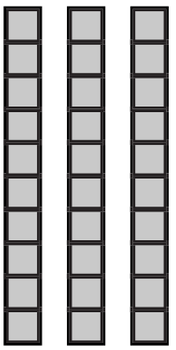


Name _____ Date _____

Additional Practice 4.04

For Problems 1–3, add a ten. Write the sum.

1



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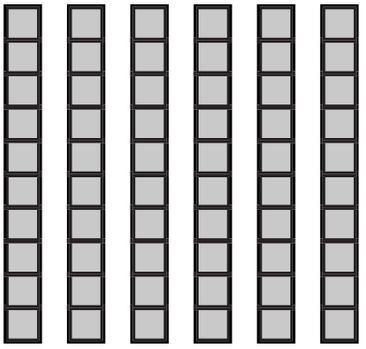
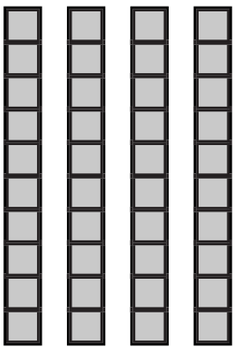
2



_____

3

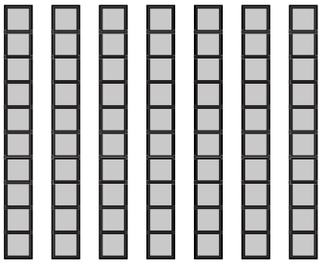


_____

Name _____ Date _____

For Problems 4–6, subtract a ten. Write the difference.

4



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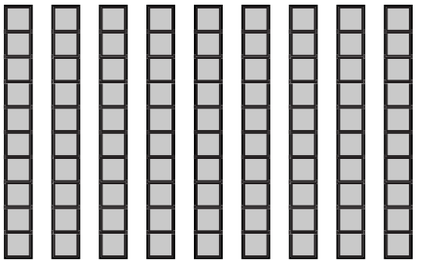
5



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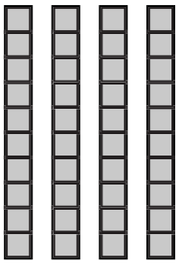
6



_____

7 Clare has 5 stacks of 10 blocks. She builds 1 more stack of 10 blocks. How many blocks does Clare have now?

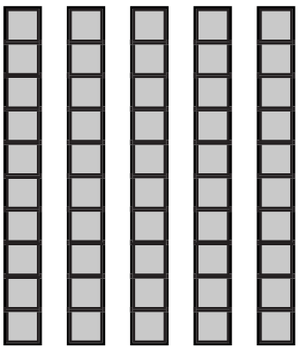
Show your thinking.

answer: _____

Name _____ Date _____

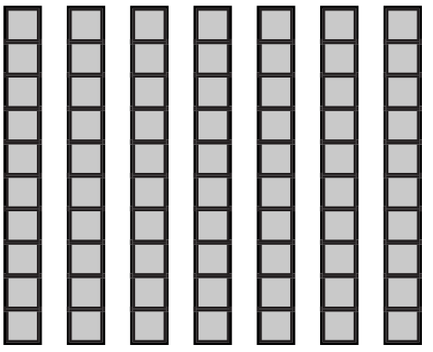
Additional Practice 4.05

1 Add 2 tens. Write the sum.



_____

2 Subtract 3 tens. Write the difference



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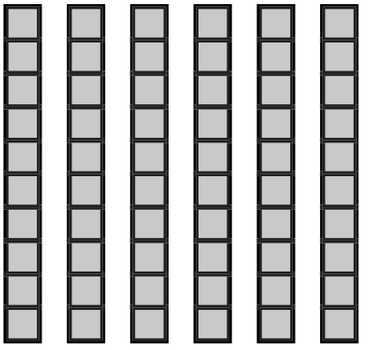
3 Add 20 cubes. Write the sum.



_____

Name _____ Date _____

For Problems 4 and 5, solve the problem using any strategy. Record your answer with a label.

Show your thinking.

4 Priya has 6 towers of 10 blocks. She gives away 3 towers to her friend. How many blocks does Priya have now?

answer: _____

5 Han has 4 towers of 10 blocks. The teacher gives him 4 more towers. How many blocks does he have now?

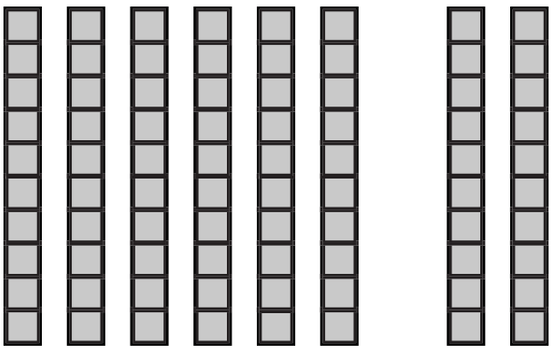
answer: _____

Name _____ Date _____

Additional Practice 4.06

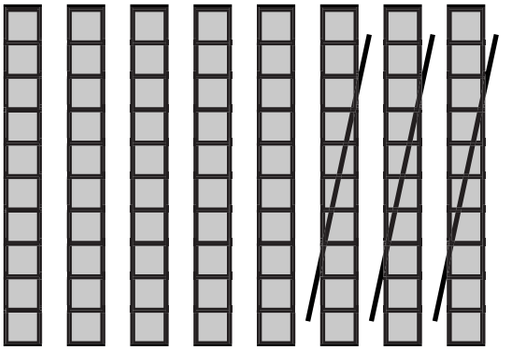
For Problems 1–3, write an equation to match the image.

1



_____

2



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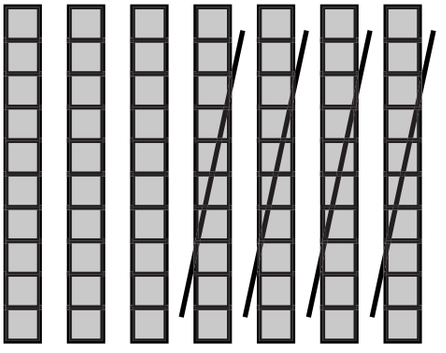
3



_____

Name _____ Date _____

For Problems 4–6, solve the problem and write an equation to show how you solved it. Use an underline to show the answer in the equation.

Show your thinking.

4 4 tens + 5 tens

answer: _____

5 2 tens + 6 tens

answer: _____

6 9 tens − 3 tens

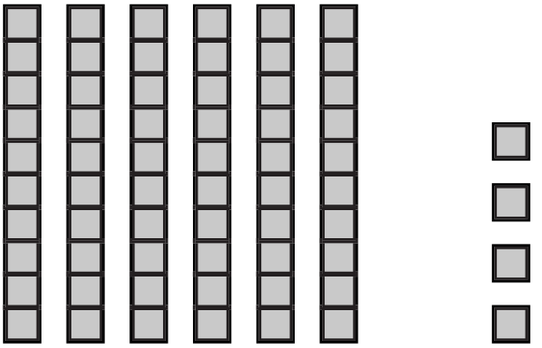
answer: _____

Name _____ Date _____

Additional Practice 4.07

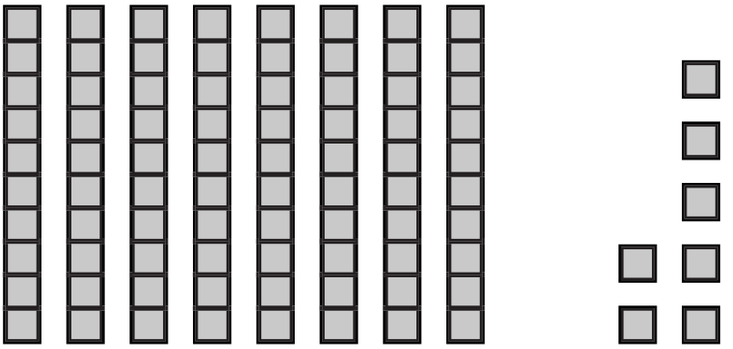
For Problems 1–6, find the number of cubes.

1



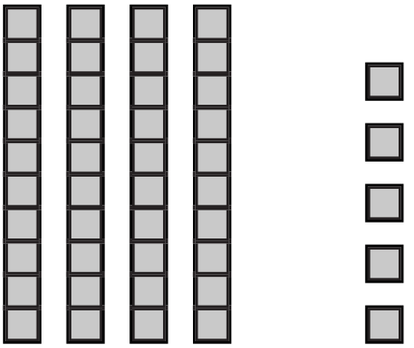
_____

2



_____

3



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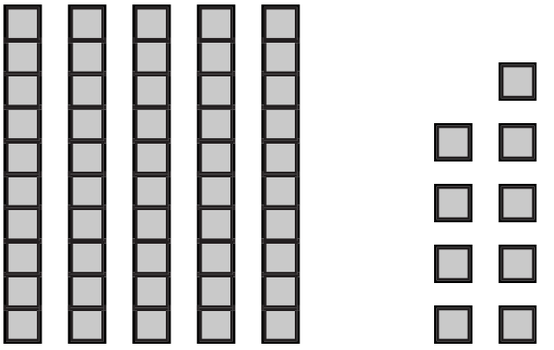
Name _____ Date _____

4



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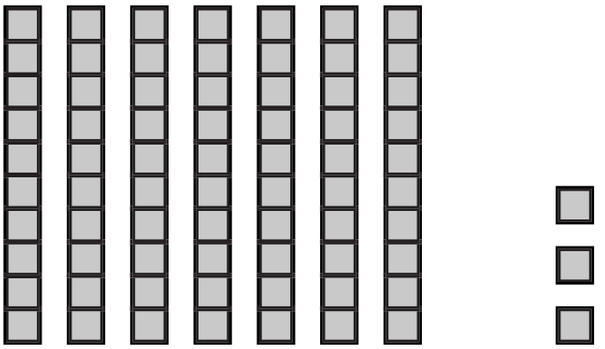
5



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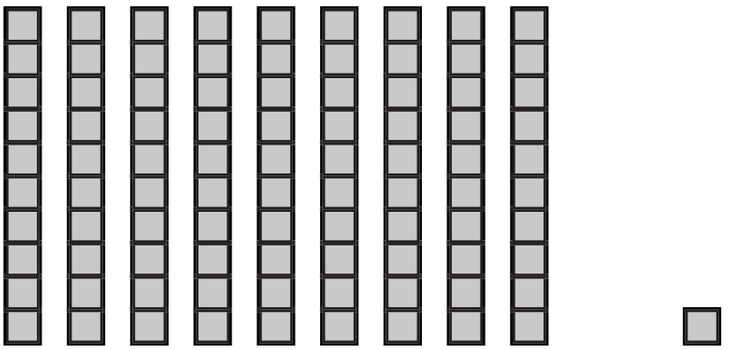
6



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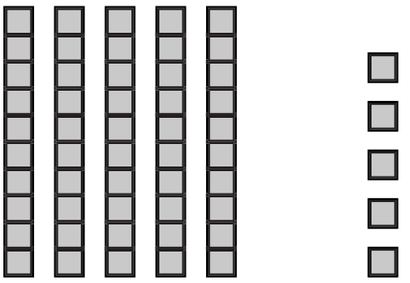
Name _____ Date _____

Additional Practice 4.08

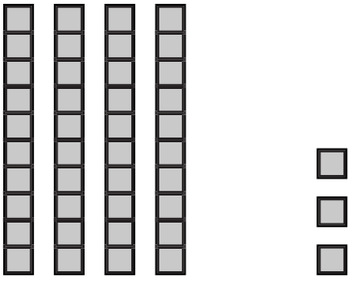
For Problems 1–4, draw a line to match the cubes to the number.

1



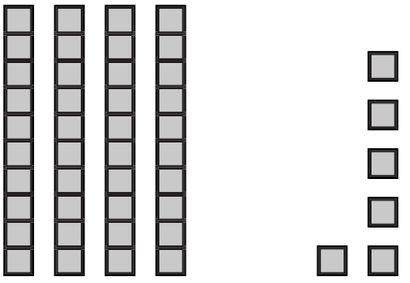
46

2



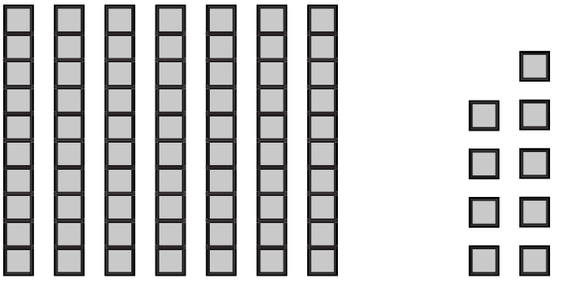
79

3



43

4

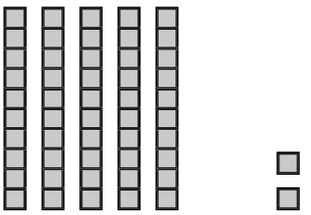


55

Name _____ Date _____

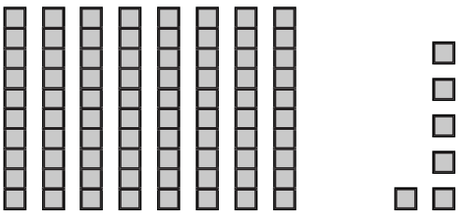
For Problems 5–10, record the amount of tens and ones.

5



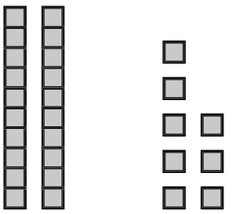
_____ tens _____ ones

6



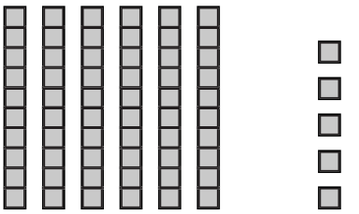
_____ tens _____ ones

7



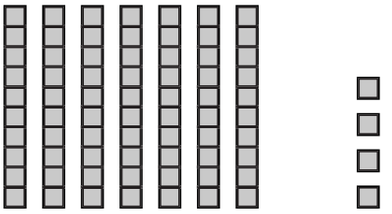
_____ tens _____ ones

8



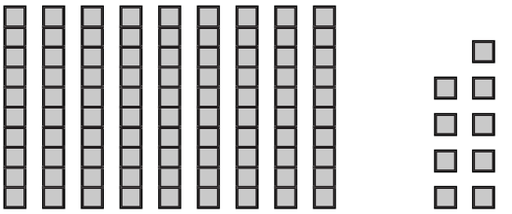
_____ tens _____ ones

9



_____ tens _____ ones

10



_____ tens _____ ones

Name _____ Date _____

Additional Practice 4.09

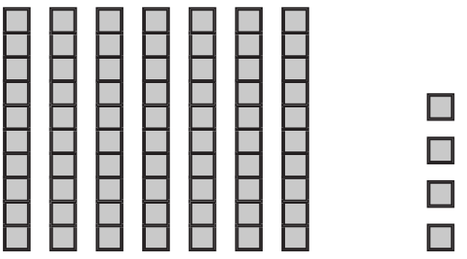
For Problems 1–4, represent each number in different ways.

Show your thinking.

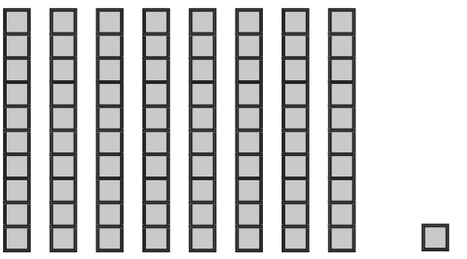
1 2 + 40

2 5 tens 6 ones

3



4



Name _____ Date _____

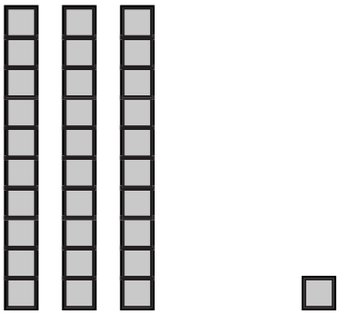
For Problems 5–8, draw a line to match the same numbers.

5

40 + 4

70 + 6

6



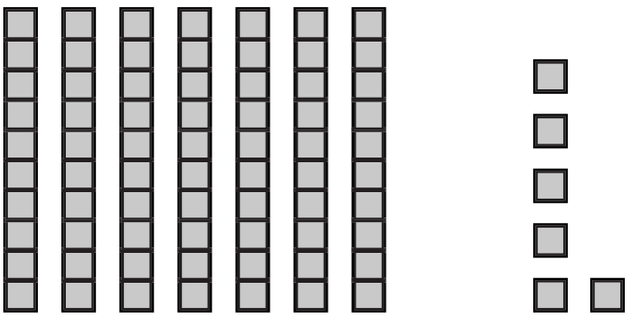
44

7

4 tens and 7 ones

31

8

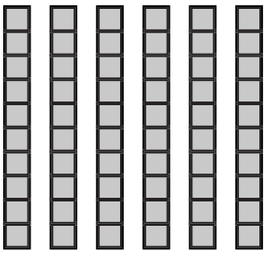


7 + 40

Name _____ Date _____

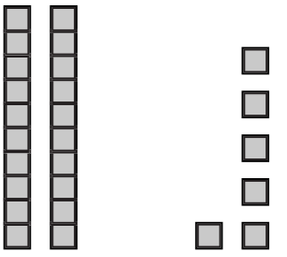
Additional Practice 4.10

1 Circle **3** representations that show 26.



2 tens 6 ones

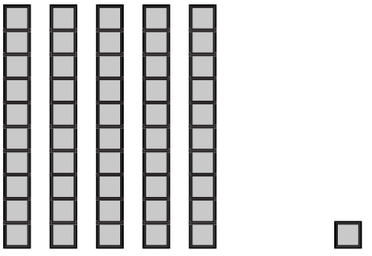
6 + 20



2 + 6

6 tens 2 ones

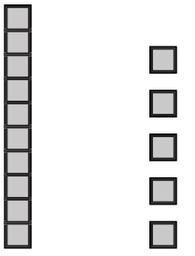
2 Circle **3** representations that show 51.



10 + 5

5 tens 1 one

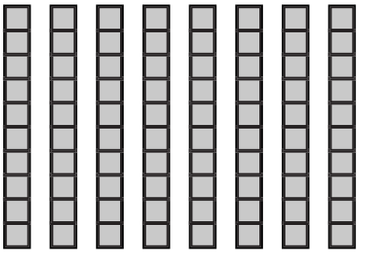
5 + 1



50 + 1

1 ten 5 ones

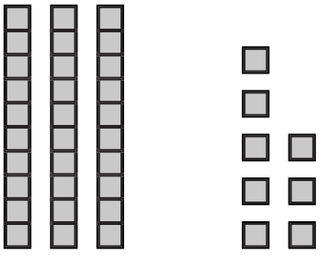
3 Circle **3** representations that show 83.



80 + 3

8 + 3

30 + 8



8 ones 3 tens

3 ones 8 tens

Name _____ Date _____

For Problems 4–9, circle the number that matches the representation.

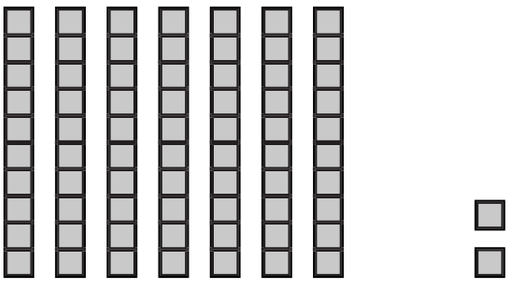
4 1 one 6 tens

16 61 66

5 40 + 5

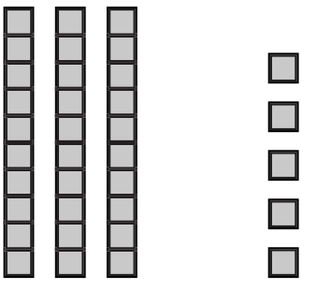
45 54 44

6



27 52 72

7



35 45 53

8 9 + 90

19 81 99

9 1 ten 8 ones

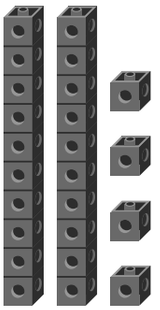
18 81 90

Name _____ Date _____

Additional Practice 4.11

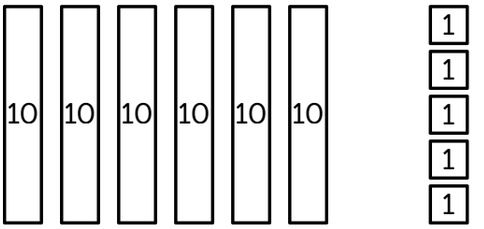
For Problems 1–4, write the two-digit number that matches the representation.

1



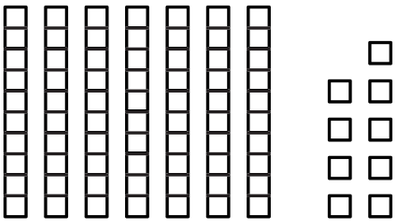
_____

2



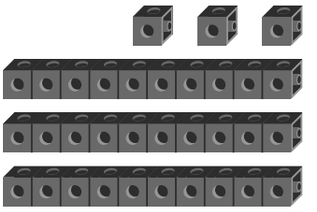
_____

3



_____

4



_____

5 Draw lines to match each representation with the correct two-digit number.

5 tens 8 ones	85
8 tens	58
8 tens 5 ones	80

Name _____ Date _____

For Problems 6–10, circle to show if the two-digit number matches the representation given.

6	30 + 5	**35**		
7	9 + 20	**92**		
8	4 + 70	**74**		
9	8 + 60	**68**		
10	10 + 3	**31**		

For Problems 11–15, write the two-digit number that matches the representation.

11 2 tens 5 ones _____

12 4 tens _____

13 8 + 30 _____

14 3 ones 7 tens _____

15 60 + 2 _____

Name _____ Date _____

Additional Practice 4.12

For Problems 1 and 2, solve the problem and write an equation to show how you solved it.

Use an underline to show the answer in the equation.

Show your thinking.

1 Han bought 36 muffins for the bake sale.
He decided to buy 40 more muffins.
How many muffins does Han have for the bake sale?

answer: _____ **equation:** _____

2 Diego has 50 comic books at home.
His parents give him 24 more.
How many comic books does Diego have now?

answer: _____ **equation:** _____

Name _____ Date _____

For Problems 3–6, circle to show if the given strategy is used to find the correct sum.

	Problem	Strategy	
3	40 + 33	33, 43, 53, 63, 73	
4	59 + 20	50, 60, 70	
5	36 + 40	3 tens and 4 tens is 7 tens 7 tens and 6 ones is 76	
6	70 + 12	70, 80, 81	

For Problems 7–10, find the sum.

7 23 + 50 = _____

8 60 + 24 = _____

9 17 + 40 = _____

10 30 + 35 = _____

Name _____ Date _____

Additional Practice 4.13

Problems 1–5, find 10 more and 10 less than the starting number.

	10 less	Starting Number	10 more
1		47	
2		83	
3		29	
4		61	
5		75	

For Problems 6 and 7, solve the problem.

6 Clare made a tower with 45 cubes. She took 10 cubes off. Then she took another 10 cubes off. How many cubes were left on her tower?

Show your thinking.

answer: _____

Name _____ Date _____

7 Priya built a tower with 36 cubes. She added 10 more cubes to the tower. Then she added another 10 cubes to the tower. How many cubes are on Priya's tower now?

Show your thinking.

answer: _____

For Problems 8–11, write the number that makes the equation true.

8 64 + 10 = _____

9 33 − 10 = _____

10 27 + 10 + 10 = _____

11 58 − 10 − 10 = _____

Name _____ Date _____

Additional Practice 4.14

For Problems 1–5, circle *true* or *false* to show if the statement is correct.

1 48 is greater than 62  

2 35 is less than 51  

3 43 is greater than 34  

4 22 is less than 19  

5 88 is less than 96  

6 Circle the *greater* number.

28	34

7 Explain, how do you know which number is *greater* in Problem 6.

_____ is greater than _____ because _____

_____

_____

Name _____ Date _____

For Problems 8–11, circle the *greater* number.

8	35	29
9	48	80
10	32	23
11	58	67

For Problems 12–15, circle the number that is *less*.

12	60	36
13	68	71
14	17	22
15	43	34

Name _____ Date _____

Additional Practice 4.15

For Problems 1–4, circle the choice that makes the statement true.

1	18	is greater than is less than	81
2	74	is greater than is less than	69
3	53	is greater than is less than	30
4	24	is greater than is less than	42

For Problems 5 and 6, use the story problem.

Diego and Clare picked number cards. Diego has the number 27. Clare has the number 31.

27 31

5 Circle the person with the *greater* number.

Diego Clare

Name _____ Date _____

6 Explain how you know the number is *greater than* the other number.

_____ is greater than _____ because _____

_____

_____

For Problems 7–10, compare the numbers. Fill in the blanks to make a true statement.

7

27 36

_____ is greater than _____

8

54 40

_____ is greater than _____

9

68 86

_____ is less than _____

10

41 33

_____ is less than _____

Name _____ Date _____

Additional Practice 4.16

For Problems 1–3, Circle the symbol that matches the statement.

1. Greater than < > =
2. Less than < > =
3. Equal to < > =

For Problems 4–8, circle to show if the statement is *true* or *false*.

4. 47 < 53  
5. 68 < 63  
6. 56 > 65  
7. 29 = 29  
8. 75 > 81  

Name _____ Date _____

For Problems 9–11, circle the statement that is *true*.

9 $56 < 42$ $56 > 42$ $56 = 42$

10 $81 = 81$ $81 < 81$ $81 > 81$

11 $13 > 23$ $13 = 23$ $13 < 23$

For Problems 12 and 13, use the story about Priya.

Priya wrote the following statement:

$25 > 38$

12 Did Priya use the correct symbol?

Yes No

13 Explain your thinking for Problem 12.

Name _____ Date _____

Additional Practice 4.17

For Problems 1–5, circle the symbol that makes the statement true.

1. 47 _____ 82 < > =

2. 73 _____ 56 < > =

3. 31 _____ 23 < > =

4. 58 _____ 67 < > =

5. 26 _____ 26 < > =

For Problems 6–8, fill in a digit that makes the statement true.

6. 6 2 > ☐ 4

7. 5 8 < ☐ 5

8. 3 4 > 3 ☐

Name _____ Date _____

For Problems 9–13, compare the numbers. Write >, <, or = to make the statement true.

9 34 _____ 43

10 45 _____ 36

11 72 _____ 27

12 83 _____ 83

13 51 _____ 16

For Problems 14 and 15, choose and write the number that makes the statement true.

14

28	57

43 > _____

15

55	25

30 < _____

Name _____ Date _____

Additional Practice 4.18

For Problems 1–3, use the table to write 2 different comparison statements.

Students	Number of Coins
Han	41
Clare	23
Priya	38

1 Han's and Clare's coins.

_____ _____

2 Han's and Priya's coins.

_____ _____

3 Clare's and Priya's coins.

_____ _____

Name _____ Date _____

For Problems 4–10, Use the numbers to write 2 comparison using > and < symbols.

	Numbers		>	<
4	13	31		
5	52	54		
6	48	80		
7	64	37		
8	76	72		
9	25	55		
10	98	89		

Name _____ Date _____

Additional Practice 4.19

For Problems 1–5, circle to show if the numbers are written in order from *least* to *greatest*.

1 13, 47, 62, 89 

2 23, 46, 54, 80 

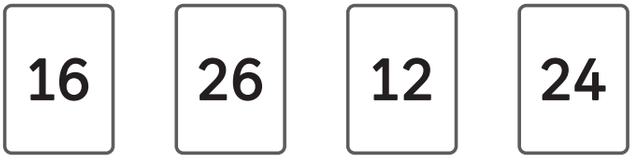
3 33, 48, 78, 41 

4 21, 36, 15, 57 

5 16, 32, 75, 82 

For Problems 6 and 7, order and record the numbers from *least* to *greatest*.

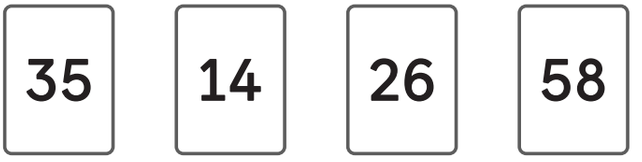
6



_____, _____, _____, _____

least *greatest*

7



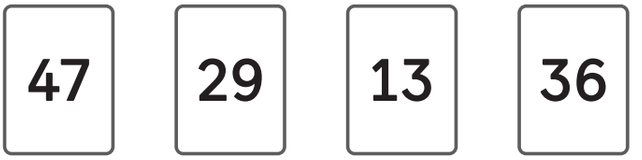
_____, _____, _____, _____

least *greatest*

Name _____ Date _____

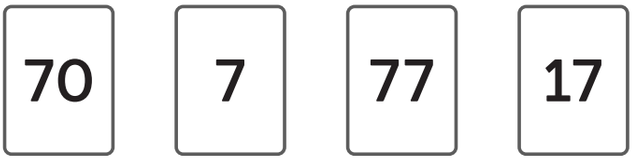
For Problems 8 and 9, order and record the numbers from *greatest* to *least*.

8



_____, _____, _____, _____,
greatest *least*

9

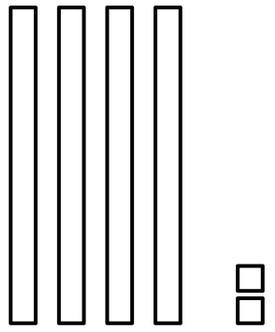
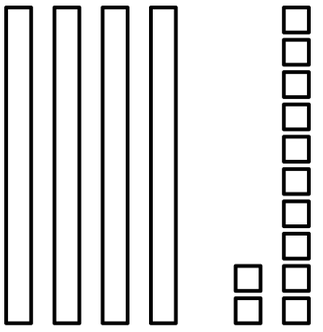
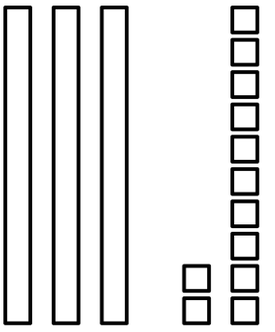


_____, _____, _____, _____,
greatest *least*

Name _____ Date _____

Additional Practice 4.20

1 Circle the **2** representations that show the number 42.

Representation 1	Representation 2	Representation 3
		

For Problems 2–4, circle to show if the expression matches the given number or not.

	Number	Expression		
2	72	70 + 2		
3	48	40 + 18		
4	61	50 + 11		

Name _____ Date _____

5 Use drawings or words to show 2 ways to represent the number 53. Write an expression for each representation.

Show your thinking.

Representation 1

expression: _____

Representation 2

expression: _____

Name _____ Date _____

Additional Practice 4.21

1 Represent 64 in 3 different ways using different numbers of tens and ones in each representation.

Show your thinking.

Representation 1

Representation 2

Representation 3

For Problems 2–4, write the two-digit number shown in the representation.

2 1 ten + 28 ones _____

3 5 tens + 35 ones _____

4 4 tens + 17 ones _____

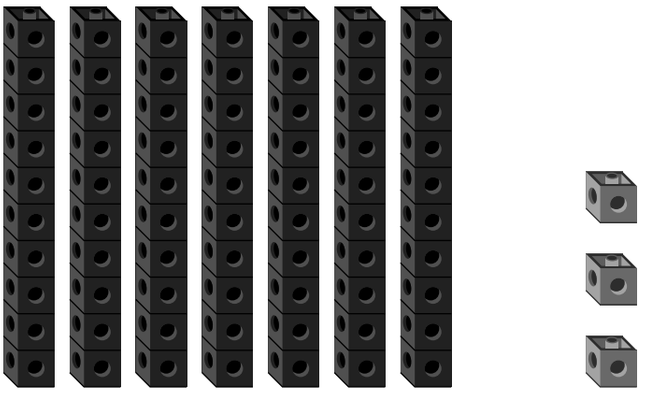
Name _____ Date _____

5 Fill in the blanks so that all 3 expressions represent the correct number of cubes.

7 tens + _____ ones

5 tens + _____ ones

_____ tens + 33 ones



For Problems 6–8, circle to show if the written expression represents the given number.

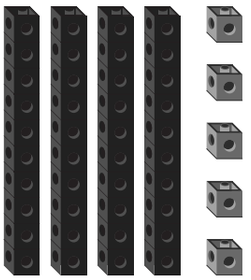
6	62	2 tens + 42 ones		
7	56	3 tens + 36 ones		
8	74	5 tens + 14 ones		

Name _____ Date _____

Additional Practice 4.22

For Problems 1–4, compare the numbers shown in the representation. Record a true comparison statement using the >, <, or = symbol.

1



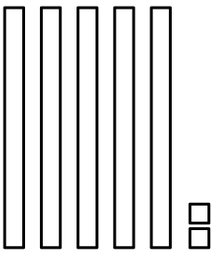
30 + 18

answer: _____

2 24 ones 5 tens 70 ones

answer: _____

3 12 + 40



answer: _____

4 2 tens 41 ones 30 + 25

answer: _____

Name _____ Date _____

For Problems 5–7, use the table to compare the number of cubes each student has. Then, write a true comparison statement for each pair.

Students	Number of Cubes
Diego	40 + 23
Priya	3 tens 11 ones
Clare	37 ones 2 tens

5 Diego and Priya

_____

6 Diego and Clare

_____

7 Priya and Clare

_____

Grade 1 | Unit 5

Additional Practice

Practice Problems

Name _____ Date _____

Additional Practice 5.02

For Problems 1–4, draw lines to match the equation with the number of tens or ones that makes the equation true.

	Equation	Tens or ones
1	22 + _____ = 42	5 ones
2	33 + _____ = 38	5 tens
3	77 + _____ = 79	2 tens
4	14 + _____ = 64	2 ones

For Problems 5 and 6, circle the number that makes the equation true.

5 26 + 30 = _____

5 29 56

6 43 + 2 = _____

5 45 63

Name _____ Date _____

For Problems 7 and 8, find the number that makes the equation true.

Show your thinking.

7 82 + 4 = _____

8 29 + 40 = _____

For Problems 9–12, circle the number of tens or the number of ones that makes the equation true.

9 35 + _____ = 65

3 tens 3 ones

10 21 + _____ = 27

6 tens 6 ones

11 54 + _____ = 58

4 tens 4 ones

12 16 + _____ = 36

2 tens 2 ones

Name _____ Date _____

Additional Practice 5.03

Solve each problem and write an equation to show how you solved it. Use an underline to show the answer in the equation.

Show your thinking.

1 Diego counted 42 cubes. Then he counted 36 more cubes. How many cubes did Diego count?

answer: _____ **equation:** _____

2 A school sold 52 tickets for the concert on Monday.

It sold 23 more tickets on Tuesday.

How many tickets did the school sell on Monday and Tuesday?

answer: _____ **equation:** _____

Name _____ Date _____

For Problems 3–5, find the number that makes the equation true.

Show your thinking.

3 43 + 24 = _____

answer: _____

4 45 + 31 = _____

answer: _____

5 37 + 52 = _____

answer: _____

Name _____ Date _____

Additional Practice 5.04

Solve each problem and write an equation to show how you solved it. Use an underline to show the answer in the equation.

Show your thinking.

1 Priya drew 42 stars. Jada drew 35 stars.
How many stars did they draw in total?

answer: _____

equation: _____

2 Han packed 23 party bags.
Clare packed 34 party bags.
How many party bags did they pack altogether?

answer: _____

equation: _____

Name _____ Date _____

Show your thinking.

3 Find the number that makes the equation true.

36 + 62 = _____

answer: _____

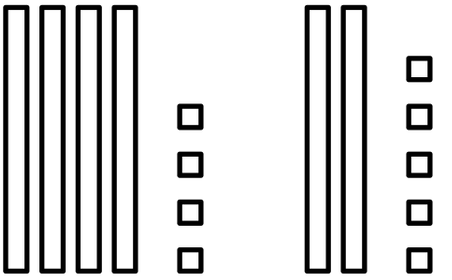
4 Find the number that makes the equation true.

54 + 25 = _____

answer: _____

5 Diego drew this picture and wrote an equation to find the sum of two numbers.

Circle the equation that matches the picture.



40 + 20 = 60

44 + 24 = 68

44 + 25 = 69

54 + 25 = 69

Name _____ Date _____

Additional Practice 5.05

Solve each problem and write an equation to show how you solved it. Use an underline to show the answer in the equation.

Show your thinking.

1 There were 27 people at the park.
Then, 9 more people came.
How many people are at the park now?

answer: _____ **equation:** _____

2 There were 33 cars in the parking lot.
Then, 5 more cars parked.
How many cars are in the parking lot now?

answer: _____ **equation:** _____

Name _____ Date _____

For Problems 3 and 4, find the number that makes the equation true. Then circle to show whether you made a new ten.

Show your thinking.

3 54 + 8 = _____

answer: _____

Did you make a new ten? 

4 21 + 8 = _____

answer: _____

Did you make a new ten? 

Name _____ Date _____

Additional Practice 5.06

For Problems 1–3, find the number that makes the equation true.

Show your thinking.

1 5 + 28 = _____

2 47 + 7 = _____

3 61 + 6 = _____

Name _____ Date _____

4 Circle **2** numbers that could make a new ten when added to 34.

34 + _____

2 4 5 7 9

Show your thinking.

5 Find each sum. Circle if you can make a new ten.

Addition expression	Can you make a new tent?	Sum
7 + 52		
28 + 4		

Show your thinking.

Name _____ Date _____

Additional Practice 5.07

For Problems 1–4, draw lines to match the equation with the number that makes the equation true.

	Equation	Number
1	33 + _____ = 40	8
2	52 + _____ = 60	4
3	76 + _____ = 80	6
4	44 + _____ = 50	7

For Problems 5 and 6, find the number that makes the equation true.

5. 34 + 6 = _____

   34 + 6 + 3 = _____

6. 68 + 2 = _____

   68 + 2 + 7 = _____

Name _____ Date _____

For Problems 7–9, find the sum. You can break apart the one-digit addend to make the next ten if it is helpful

Show your thinking.

7 8 + 55 = _____

8 87 + 9 = _____

9 6 + 29 = _____

Name _____ Date _____

Additional Practice 5.08

For Problems 1 and 2, find the number that makes the equation true.

Show your thinking.

1 82 + 5 = _____

2 7 + 65 = _____

3 Circle **5** numbers that would make a sum with a new ten.

25 + _____

20 21 22 23 24 25 26 27 28 29

4 Circle **4** numbers that would make a sum with a new ten.

74 + _____

1 2 3 4 5 6 7 8 9

Name _____ Date _____

For Problems 5–7, find the missing one-digit number.

Show your thinking.

5 The sum has a new ten.
What could the number be?

47 + _____

answer: _____

6 The sum does *not* have a new ten.
What could the number be?

36 + _____

answer: _____

7 The sum has a new ten.
What could the number be?

_____ + 58

answer: _____

Name _____ Date _____

Additional Practice 5.09

Solve each problem and write an equation to show how you solved it. Use an underline to show the answer in the equation.

Show your thinking.

1 Priya used 18 craft sticks to build a model car.
She used 35 craft sticks to build a model house.
How many craft sticks did Priya use altogether?

answer: _____

equation: _____

2 Han planted 24 flowers in a garden.
Then, he planted 27 flowers in the garden.
How many flowers did Han plant in the garden?

answer: _____

equation: _____

Name _____ Date _____

For Problems 3 and 4, find the number that makes the equation true.

Show your thinking.

3 46 + 32 = _____

4 58 + 34 = _____

Name _____ Date _____

Additional Practice 5.10

For Problems 1–3, find the number that makes the equation true.

Show your thinking.

1 56 + 22 = _____

2 56 + 24 = _____

3 56 + 26 = _____

4 Circle **6** numbers that could make a new ten when added to 56.

56 + _____

21 22 23 24 25 26 27 28 29

Name _____ Date _____

5 Find the sum.

43 + 38 = _____

Show your thinking.

6 Explain how you found the number of tens in the sum for Problem 5.

Name _____ Date _____

Additional Practice 5.11

For Problems 1–4, circle the expression that will have 7 tens in the sum.

1 35 + 32 48 + 22

2 47 + 21 54 + 17

3 23 + 49 28 + 41

4 14 + 46 57 + 16

For Problems 5 and 6, find the number that makes the equation true.

Show your thinking.

5 26 + 33 = _____

6 43 + 48 = _____

Name _____ Date _____

For Problems 7–10, circle to make the statement true.

7 The sum of 25 + 16 will be _____ 40.

greater than less than equal to

8 The sum of 12 + 50 will be _____ 60.

greater than less than equal to

9 The sum of 37 + 42 will be _____ 80.

greater than less than equal to

10 The sum of 26 + 34 will be _____ 60.

greater than less than equal to

11 How many tens will be in the sum of 53 + 28?

7 tens 8 tens 9 tens

12 53 + 28 = _____

Name _____ Date _____

Additional Practice 5.12

Solve each problem and write an equation to show how you solved it. Use an underline to show the answer in the equation.

Show your thinking.

1 At the dog parade, there were 32 big dogs and 49 small dogs.
How many dogs were at the dog parade?

answer: _____ **equation:** _____

2 Diego sent 27 cards.
Then, he sent 35 more cards.
How many cards did Diego send?

answer: _____ **equation:** _____

Name _____ Date _____

For Problems 3 and 4, find the number that makes the equation true.

Show your thinking.

3 33 + 39 = _____

answer: _____

4 52 + 24 = _____

answer: _____

Name _____ Date _____

Additional Practice 5.13

Solve each problem and write an equation to show how you solved it. Use an underline to show the answer in the equation.

Show your thinking.

1 Clare played a video game.
In the game, she collected 36 gold coins and 28 silver coins.
How many coins did Clare collect altogether?

answer: _____ **equation:** _____

2 For a board game, Diego used 19 yellow counters and 19 red counters.

How many counters did Diego use altogether?

answer: _____ **equation:** _____

Name _____ Date _____

For Problems 3 and 4, find the number that makes the equation true.

Show your thinking.

3 73 + 18 = _____

answer: _____

4 29 + 57 = _____

answer: _____

5 Circle the work that shows a way to find the sum of 56 + 18 by changing an addend.

56 + 18 = _____

56 + 20 = 76

76 − 1 = 75

56 + 18 = _____

56 + 20 = 76

76 − 2 = 74

Name _____ Date _____

Additional Practice 5.14

For Problems 1 and 2, use the data to answer the questions.

Field Day Points

Team	Numbers of points
Blue	27
Gold	18
Red	25

Show your thinking.

1 How many points do the Blue and the Red teams have altogether?

answer: _____ **equation:** _____

2 How many points do the Gold and the Blue teams have altogether?

answer: _____ **equation:** _____

Name _____ Date _____

For Problems 3 and 4, use the data to answer the questions.

comic books	story books	history books
34	36	19

Show your thinking.

3 How many story books and history books are there?

answer: _____ **equation:** _____

4 How many comic books and story books are there?

answer: _____ **equation:** _____

Grade 1 | Unit 6

Additional Practice

Practice Problems

Name _____ Date _____

Additional Practice 6.02

1 List the objects in order from *tallest* to *shortest*.

pine tree

fir tree

oak tree

_____ , _____ , _____

tallest **shortest**

2 List the objects in order from *shortest* to *tallest*.

Flower A

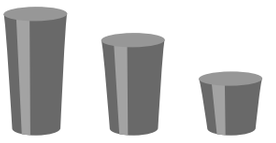
Flower B

Flower C

_____ , _____ , _____

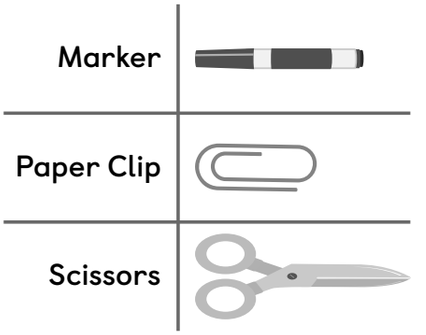
shortest **tallest**

3 Circle the group of cups that are in order from *tallest* to *shortest*.



Name _____ Date _____

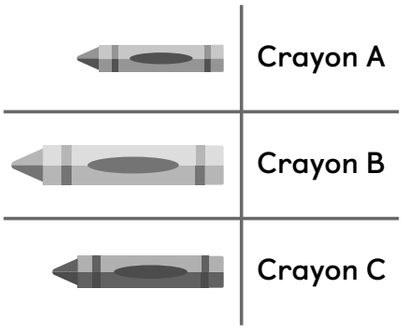
4 List the objects in order from *longest* to *shortest*.



_____ , _____ , _____

longest **shortest**

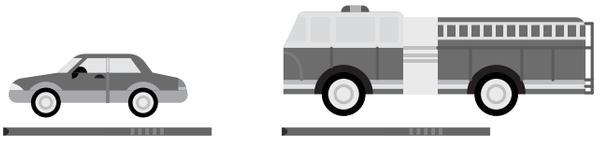
5 List the objects in order from ***shortest*** *to* ***longest***.



_____ , _____ , _____

shortest **longest**

For Problems 6 and 7, look at the objects. Circle the word that makes the statement *true*.



6 The toy car is _____ than the straw.

shorter longer

7 The toy fire truck is _____ than the straw.

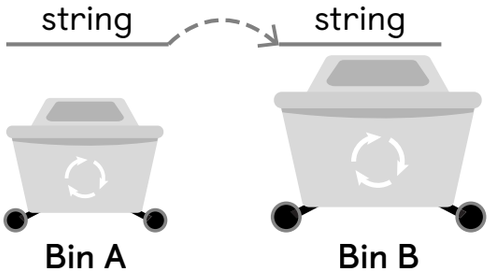
shorter longer

Name _____ Date _____

Additional Practice 6.03

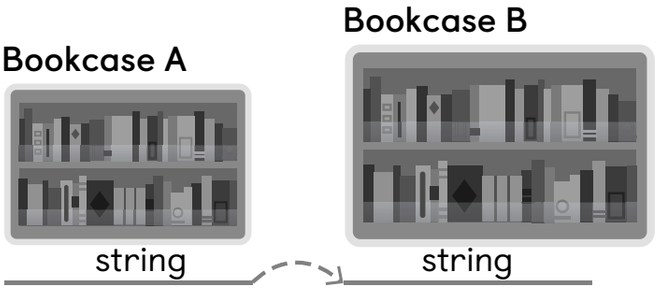
For Problems 1–3, fill in the blank with the word *shorter* or *longer* to make the statement *true*.

1



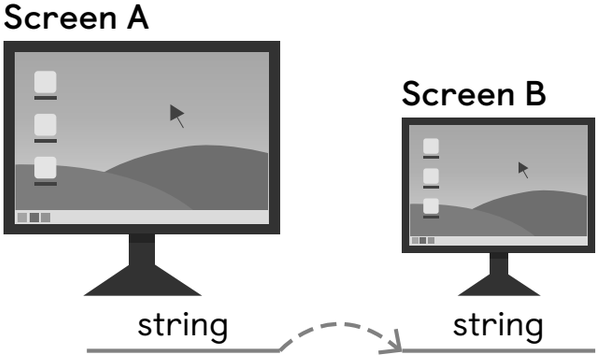
Bin A is _____ than Bin B.

2



Bookcase A is _____ than Bookcase B.

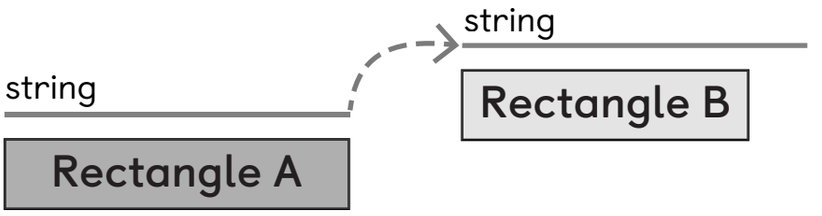
3



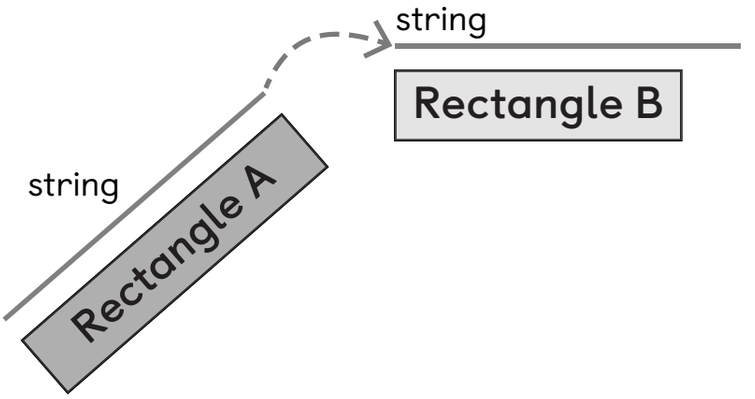
Screen A is _____ than Screen B.

Name _____ Date _____

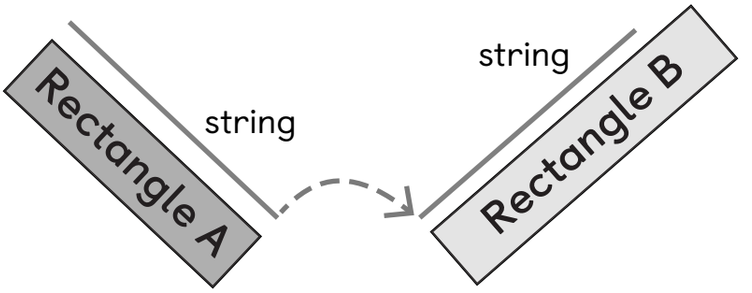
For Problems 4–6, fill in the blanks with the letters A or B to make the statement *true*.



4 Rectangle _____ is *longer* than Rectangle _____.



5 Rectangle _____ is *longer* than Rectangle _____.



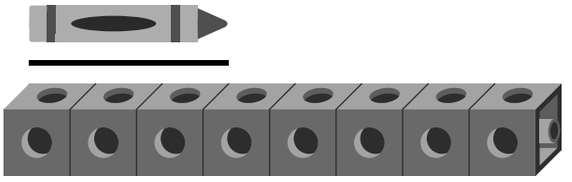
6 Rectangle _____ is *shorter* than Rectangle _____.

Name _____ Date _____

Additional Practice 6.04

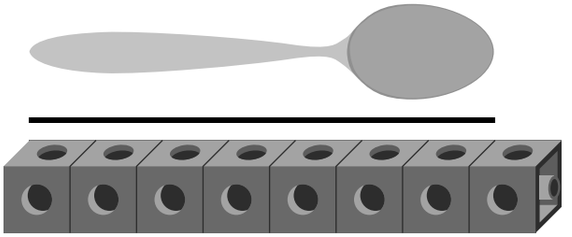
For Problems 1–3, fill in the blank to make the statement *true*.

1



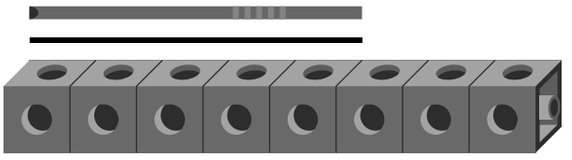
The crayon is _____ connecting cubes long.

2



The spoon is _____ connecting cubes long.

3

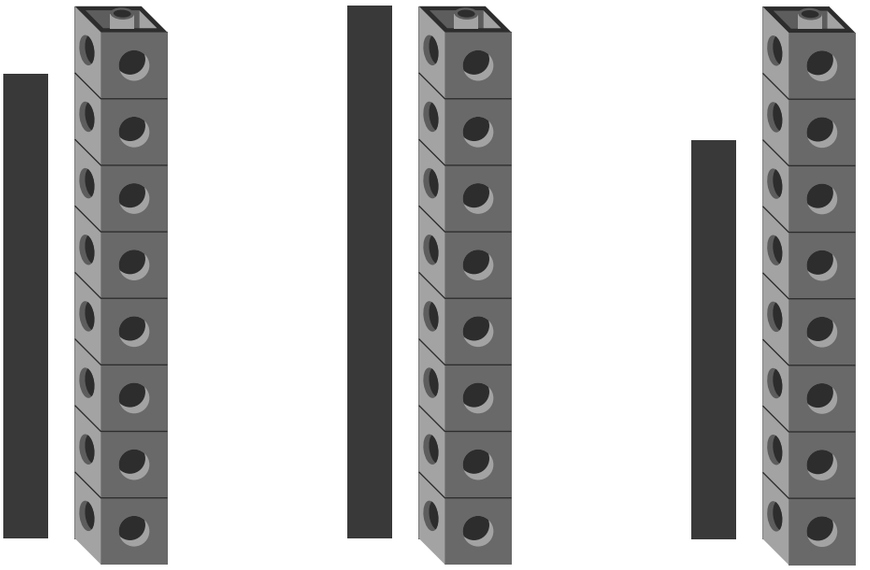


The straw is _____ connecting cubes long.

Name _____ Date _____

Circle the rectangle that is 6 connecting cubes long.
Put an X on the rectangle that is 8 cubes long.

4

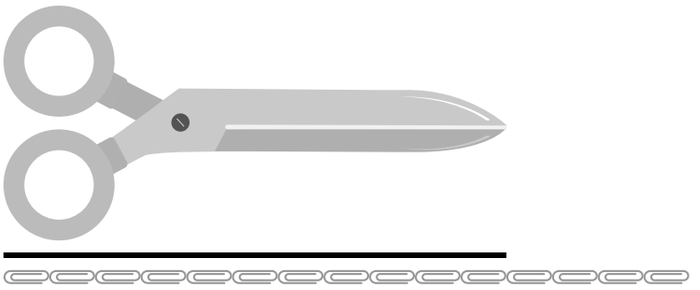


Name _____ Date _____

Additional Practice 6.05

For Problems 1–3, fill in the blank to make the statement *true*.

1

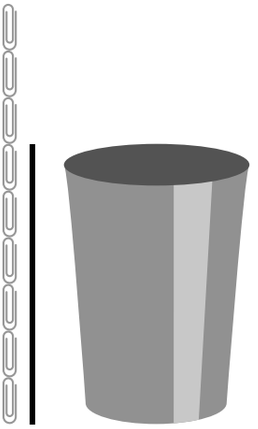


The scissors are _____ paper clips long.

2

The pencil is _____ paper clips long.

3

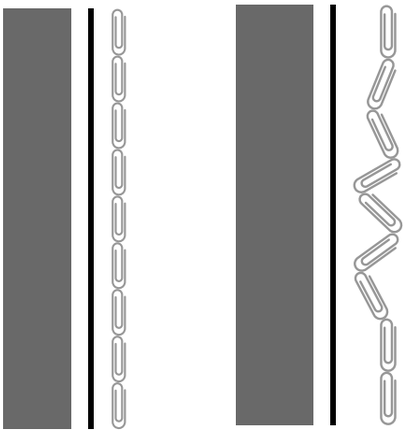


The cup is _____ paper clips long.

Name _____ Date _____

4 Circle the rectangle that is 6 paper clips long.

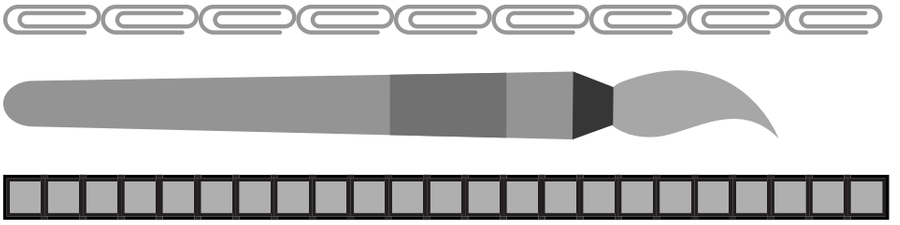
5 Circle the rectangle that is 9 paper clips long.



Name _____ Date _____

Additional Practice 6.06

1



Record the length of the paintbrush in paper clips.

Length: _____

Record the length of the paintbrush in unit cubes.

Length: _____

2 Did you record the same number of paper clips as unit cubes to show the length of the paintbrush? Explain why or why not.

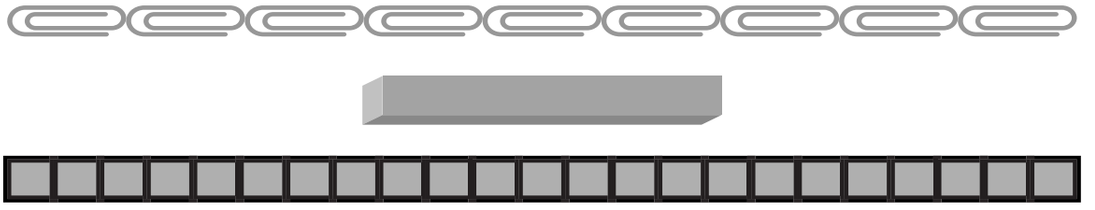
_____

_____

_____

Name _____ Date _____

3



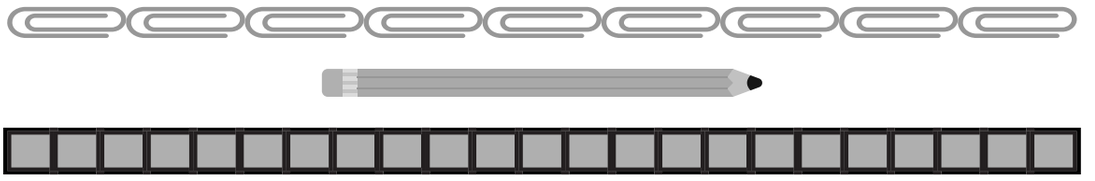
Record the length of the chalk in paper clips.

Length: _____

Record the length of the chalk in unit cubes.

Length: _____

4



Circle **2** ways to record the length of the pencil.

6 paper clips

15 unit cubes

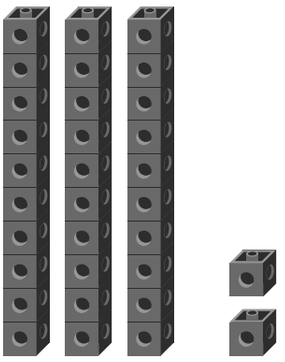
15 paper clips

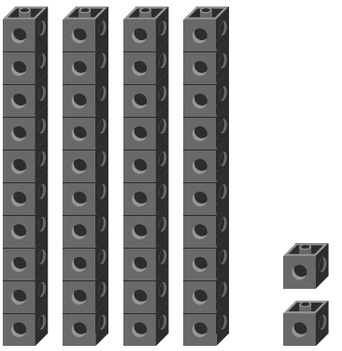
6 unit cubes

Name _____ Date _____

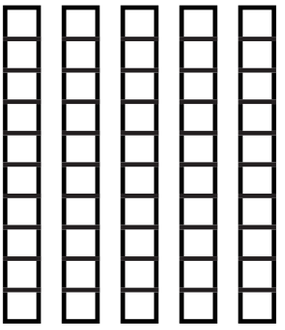
Additional Practice 6.07

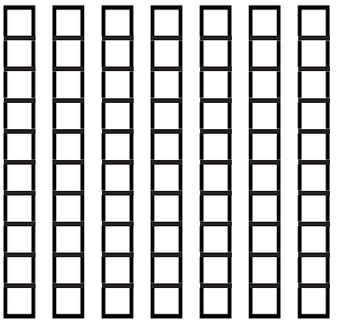
1 Han measured the length of a ribbon with connecting cubes. He recorded the length as 42 connecting cubes. Circle the connecting cubes Han used to measure the ribbon.

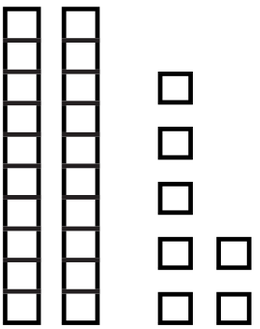




2 Han measured the same ribbon with unit cubes. He recorded the length as 77 unit cubes. Circle the unit cubes Han used to measure the ribbon.

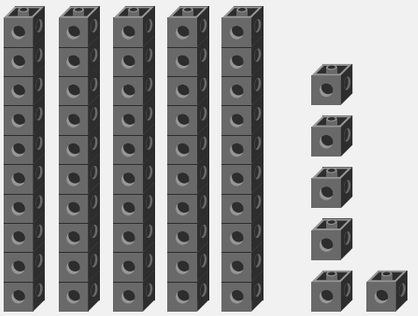
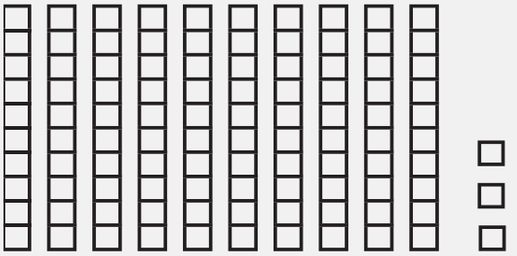
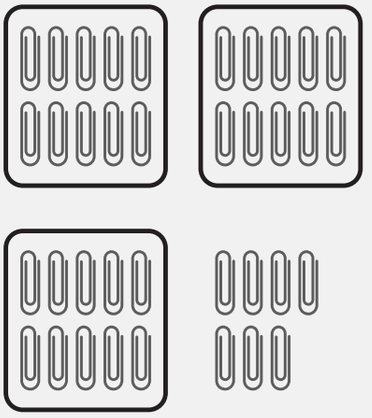






Name _____ Date _____

3 Clare measured the length of a shelf with different length units. Record each length.

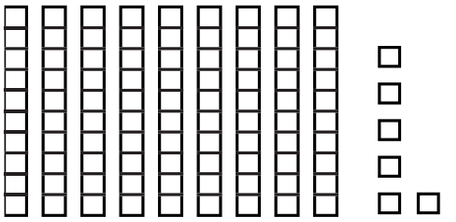
Length unit	Length
connecting cubes 	
unit cubes 	
paper clips 	

Name _____ Date _____

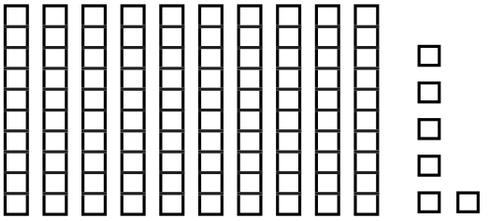
Additional Practice 6.08

1 Diego measured 3 pieces of yarn using unit cubes.
He recorded the lengths in unit cubes.
Draw lines to match the lengths Diego recorded to the number of unit cubes.

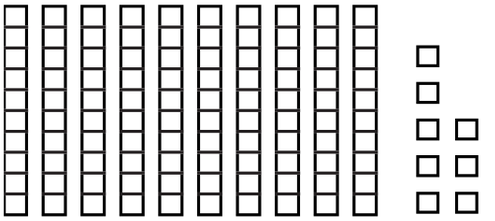
108 unit cubes



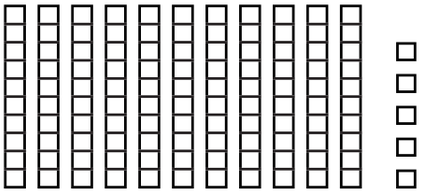
96 unit cubes



106 unit cubes



2 Priya measured the length of a poster using the unit cubes.

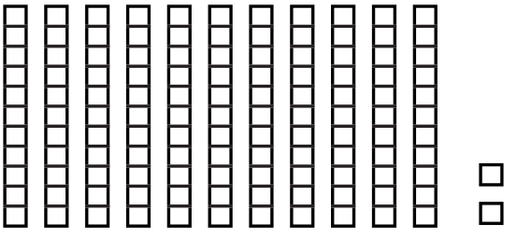


Record the length of the poster in unit cubes.

Length: _____

Name _____ Date _____

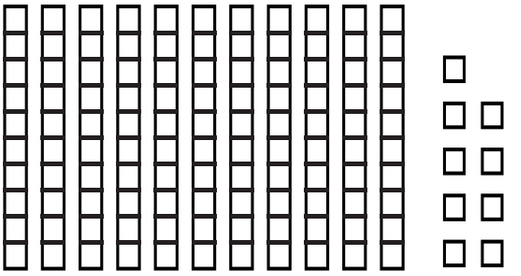
3 Han measured the height of a toy house using the unit cubes.



Record the length of the toy house in unit cubes.

Height: _____

4 Clare measured the height of a bookcase using the unit cubes.



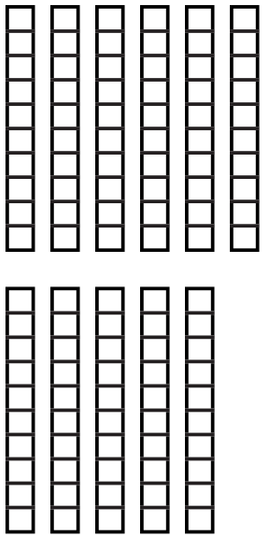
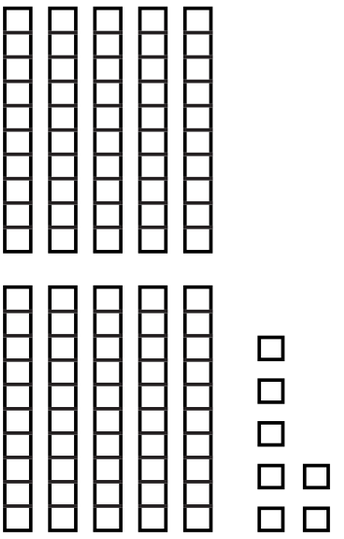
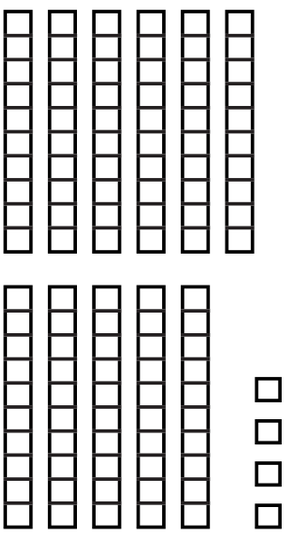
Record the length of the bookcase in unit cubes.

Height: _____

Name _____ Date _____

Additional Practice 6.09

Han is growing sunflowers. The table shows the number of unit cubes that represent the height of his three sunflowers.

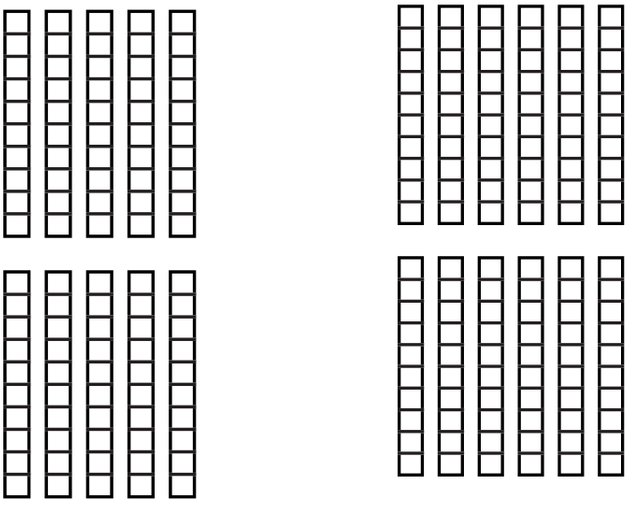
Sunflower A	Sunflower B	Sunflower C
		

For Problems 1–3, record the height of each sunflower in unit cubes.

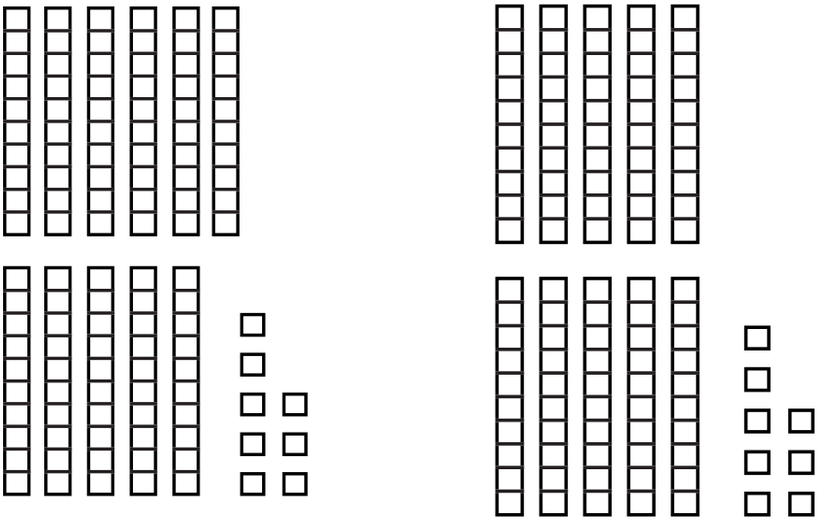
	Student	Height (number and length unit)
1	Sunflower A	
2	Sunflower B	
3	Sunflower C	

Name _____ Date _____

4 Diego used 120 unit cubes to measure the length of a table.
Which shows the cubes Han used?
Circle to show your answer.



5 Priya used 118 unit cubes to measure the length of a bench.
Which shows the cubes Priya used?
Circle to show your answer.



Name _____ Date _____

Additional Practice 6.10

1 Priya recorded the lengths of the 3 toy cars she had built.

Toy Car	Length
Toy Car A	6 connecting cubes
Toy Car B	7 connecting cubes
Toy Car C	6 connecting cubes

If Priya lines up the 3 toy cars end to end, what is the total length of the 3 toy cars?

Show your thinking.

answer: _____

equation: _____

Name _____ Date _____

Diego recorded the heights of 3 plants. Use the heights for Problems 2 and 3.

Plant	Height
Plant A	8 unit cubes
Plant B	13 unit cubes
Plant C	16 unit cubes

Show your thinking.

2 How much taller is Plant B than Plant A?

answer: _____

equation: _____

3 How much shorter is Plant A than Plant C?

answer: _____

equation: _____

Name _____ Date _____

Additional Practice 6.11

1 A moose's footprint is 9 connecting cubes long.
A polar bear's footprint is 8 connecting cubes longer than a moose's footprint.
How long is a polar bear's footprint?

Show your thinking.

answer: _____

equation: _____

2 A beaver's footprint is 9 connecting cubes long.
A deer's footprint is 4 connecting cubes shorter than a beaver's footprint.
How long is a deer's footprint?

Show your thinking.

answer: _____

equation: _____

Name _____ Date _____

3 A bison's footprint is 8 connecting cubes long.
A bear's footprint is 14 connecting cubes long.
How much longer is a bear's footprint than a bison's footprint?

Show your thinking.

answer: _____

equation: _____

4 A rhino's footprint is 15 connecting cubes long.
A cheetah's footprint is 9 connecting cubes shorter than a rhino's footprint.
How long is a cheetah's footprint?

Show your thinking.

answer: _____

equation: _____

Name _____ Date _____

Additional Practice 6.12

1 13 people were on a bus.
Some people got off at the bus stop.
Now there are 6 people on the bus.
How many people got off the bus?

Show your thinking.

answer: _____

equation: _____

2 There were some paintbrushes in a pot.
Clare took 4 paintbrushes out to use.
Now there are 8 paintbrushes in the pot.
How many paintbrushes were in the pot to start?

Show your thinking.

answer: _____

equation: _____

Name _____ Date _____

3 Priya has 10 buttons.
She gives some buttons to Han.
Now Priya has 6 buttons.
How many buttons did Priya give to Han?

Show your thinking.

answer: _____

equation: _____

4 Diego had some stickers.
He gave 5 stickers to Clare.
Now Diego has 10 stickers.
How many stickers did Diego have to start?

Show your thinking.

answer: _____

equation: _____

Name _____ Date _____

Additional Practice 6.13

1 Some people are waiting in line.
8 more people join the line.
Now there are 15 people waiting in line.
How many people were in the line to start?

Show your thinking.

_____ + 8 = 15 8 + _____ = 15 15 + 8 = _____

2 There are 6 adults at the park.
There are some children at the park.
Altogether there are 11 people at the park.
How many children are at the park?

Show your thinking.

11 + 6 = _____ 6 + _____ = 11 11 − 6 = _____

Name _____ Date _____

For Problems 3 and 4, circle 2 equations that could be used to find the unknown amount.

3 Han bakes 12 muffins in the morning.
Han bakes 5 fewer muffins in the afternoon than in the morning.
How many muffins did Han bake in the afternoon?

Show your thinking.

_____ + 5 = 12 12 + 5 = _____ 12 − 5 = _____

4 Some people are playing soccer.
Then 6 more people join them.
Now there are 16 people playing soccer.
How many people were playing soccer at the start?

Show your thinking.

6 + _____ = 16 _____ + 6 = 16 16 + 6 = _____

Name _____ Date _____

Additional Practice 6.14

1 Clare moved 12 spaces on the gameboard on her first turn in the game.
She moved some more spaces on her second turn.
Clare had moved a total of 18 spaces.
How many spaces did Clare move on her second turn?

Show your thinking.

answer: _____

equation: _____

2 Han and Pryia checked out books from the library.
Han checked out 8 books. Priya checked out 5 more books than Han.
How many books did Priya check out from the library?

Show your thinking.

answer: _____

equation: _____

Name _____ Date _____

For Problems 3–5, find the number that makes each equation *true*.

Show your thinking.

3 _____ − 3 = 14

4 18 = _____ + 9

5 _____ + 12 = 20

Name _____ Date _____

Additional Practice 6.15

For Problems 1 and 2, use the information in the table. Diego, Clare, and Priya recorded how many red leaves they found on a walk.

Name	Leaves
Diego	9 leaves
Clare	8 leaves
Priya	

Show your thinking.

1 Clare found 6 fewer leaves than Priya. How many leaves did Priya find?

answer: _____

equation: _____

2 How many leaves did Diego and Clare find altogether?

answer: _____

equation: _____

Name _____ Date _____

For Problems 3 and 4, use the information in the table.
Han recorded the lengths of some toy cars.

Toy Car	Length
Blue car	17 unit cubes
Red car	
Green car	10 unit cubes

Show your thinking.

3 The blue car is 8 unit cubes longer than the red car. What is the length of the red car?

answer: _____

equation: _____

4 How much shorter is the green car than the blue car?

answer: _____

equation: _____

Grade 1 | Unit 7

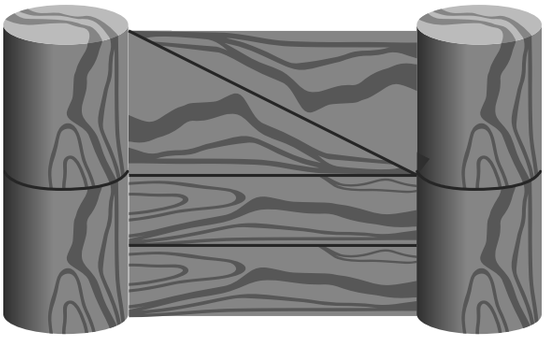
Additional Practice

Practice Problems

Name _____ Date _____

Additional Practice 7.02

1 Look at what Han made. Circle the names of 3 solid shapes you see.



cube

cone

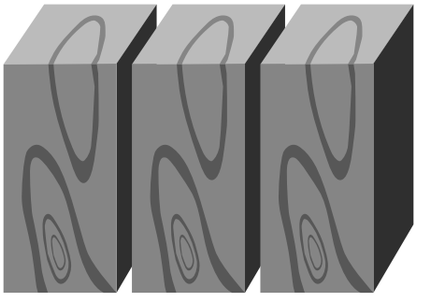
cylinder

triangular prism

rectangular prism

sphere

2 Clare made a new solid shape. What solid shape did Clare make?



cube

cone

rectangular prism

triangular prism

Name _____ Date _____

3 Diego felt a shape in a bag.

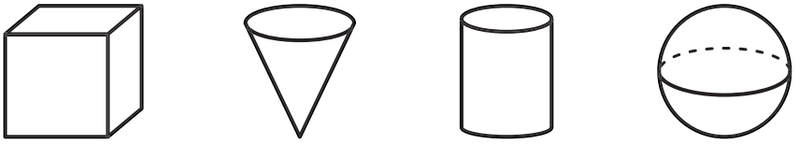
He felt 2 flat faces and no corners.

Circle the shape that could be in the bag.

4 Han describes a shape.

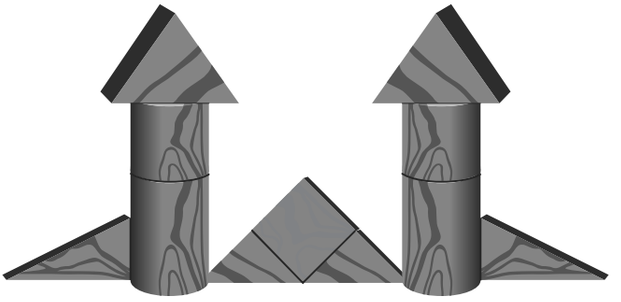
He says it has a curve and looks like a ball.

Circle the shape that Han is describing.



5 Look at what Priya made.

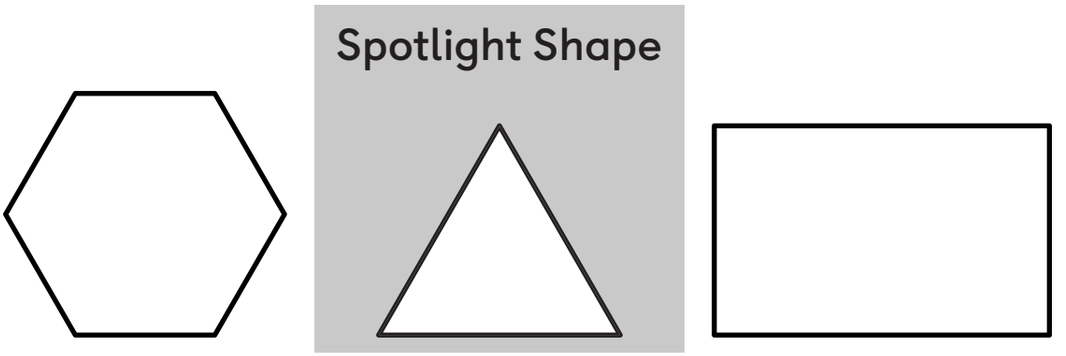
What solid shapes do you see?



Name _____ Date _____

Additional Practice 7.03

For Problems 1–3, look at the shapes placed around the spotlight shape.



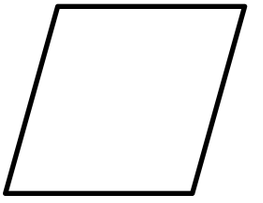
1 What is **1** attribute the shapes have in common? Circle the attribute.

4 corners curved lines straight sides

2 What is **1** attribute that the spotlight shape has that the other shapes do *not* have? Circle the attribute.

only 3 corners 4 sides curved lines

3 Does this shape have an attribute in common with the spotlight shape? Explain.

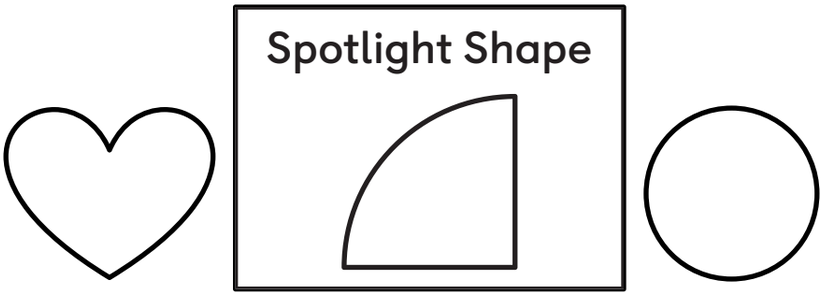


_____

_____

Name _____ Date _____

For Problems 4–6, look at the shapes placed around the spotlight shape.



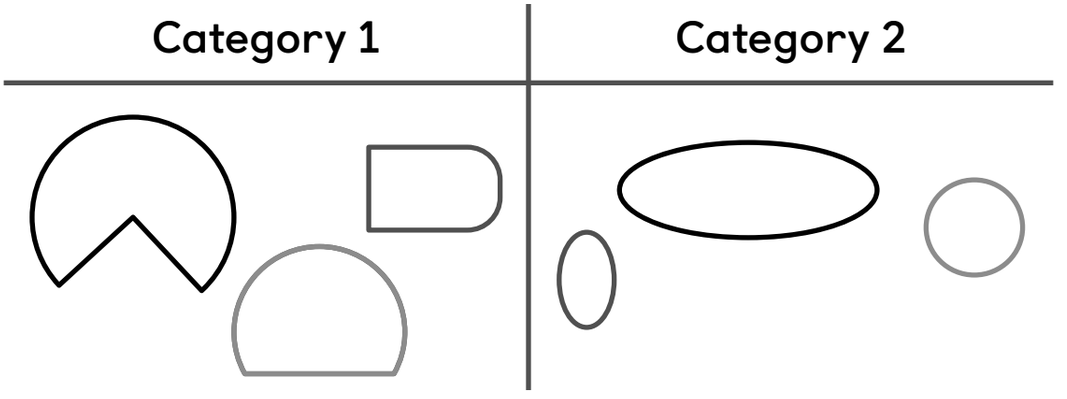
4 What is **1** attribute the shapes have in common?

_____

5 What is **1** attribute that the spotlight shape has that the other shapes do not have?

_____

6 Han sorted some shapes. Which category does the spotlight shape belong to?



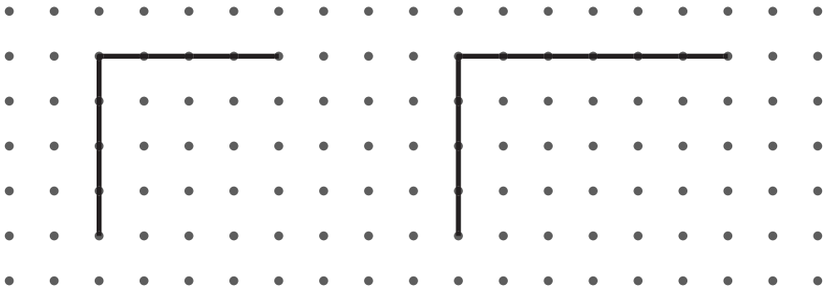
_____

Name _____ Date _____

Additional Practice 7.04

1 Complete Priya's drawing to show a triangle and a rectangle.

Draw



For problems 2–5, circle to show if each statement is *always* true, *sometimes* true, or *never* true.

2 Triangles have 3 sides.

always sometimes never

3 Triangles have 2 corners on top and 1 corner on the bottom.

always sometimes never

4 Rectangles have 5 sides and 5 corners.

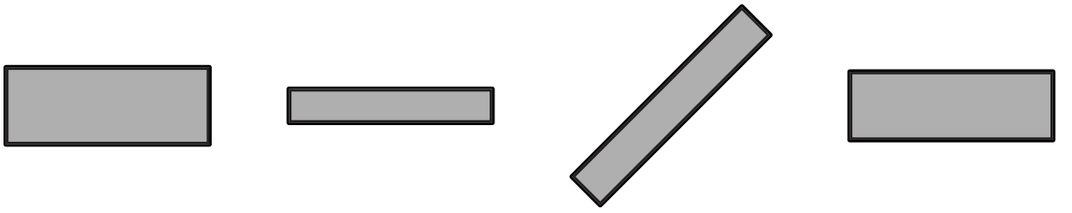
always sometimes never

5 Rectangles are big.

always sometimes never

Name _____ Date _____

6 Clare said that rectangles are *sometimes* blue. Do you agree with her? Why or why not?



_____

7 Diego said that triangles are always small. Do you agree with him? Why or why not?

_____

_____

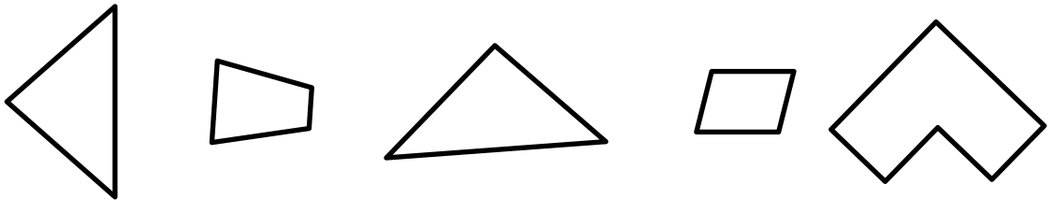
8 Draw 2 rectangles and 2 triangles.

Draw

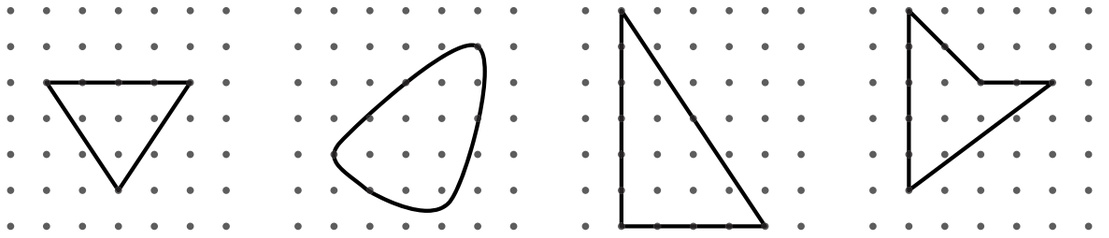
Name _____ Date _____

Additional Practice 7.05

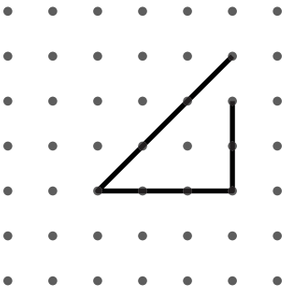
1 Cross out **3** shapes that are not triangles.



2 Circle **2** triangles.



3 Diego drew this shape. Is this shape a triangle? Explain how you know.



_____

_____

Name _____ Date _____

4 Draw 2 different triangles.

Draw

5 How are the triangles you drew in Problem 4 different?

_____

_____

6 How are the triangles you drew in Problem 4 alike?

_____

_____

Name _____ Date _____

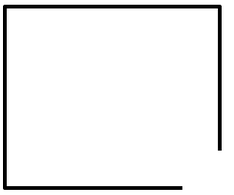
Additional Practice 7.06

For Problems 1 and 2 use the shape. Circle to show your answer.

1 Is this shape a rectangle?

2 Is this shape a square?

For Problems 3 and 4 use the shape. Circle to show your answer.



3 Is this shape a rectangle?

4 Is this shape a square?

For Problems 5 and 6 use the shape. Circle to show your answer.

5 Is this shape a rectangle?

6 Is this shape a square?

Name _____ Date _____

For Problems 7 and 8 use the shape.

7 Diego says the shape is a rectangle. Do you agree with Diego? Why or why not?

_____

_____

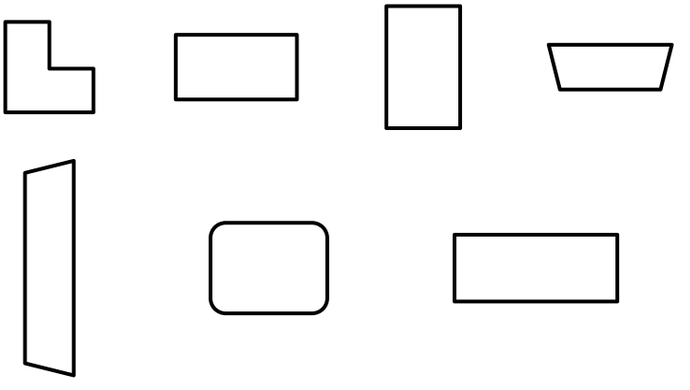
8 Clare says the shape is not a square. Do you agree with Clare? Why or why not?

_____

_____

_____

9 Circle **3** shapes that are rectangles.

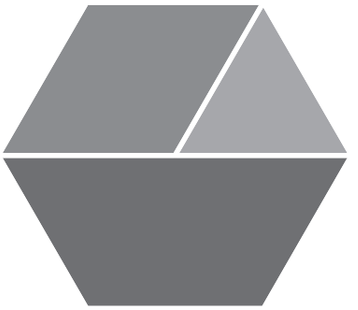


Name _____ Date _____

Additional Practice 7.07

1 Priya used pattern blocks to make this shape. What shapes did she use? How many?

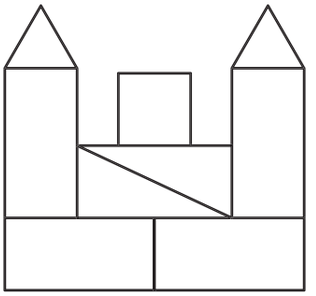
2 Clare made the same shape as Priya with these pattern blocks. What shapes do you see?



3 Circle **2** ways to make a trapezoid.

Name _____ Date _____

For Problems 4–7, use the shape.



4 How many rectangles can you count?

answer: _____

5 What did you look for to find the rectangles?

_____

_____

6 How many of the rectangles in the shape are squares? Explain how you know.

_____

_____

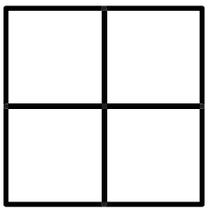
7 How many triangles can you count?

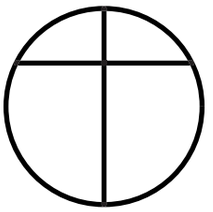
answer: _____

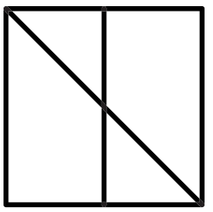
Name _____ Date _____

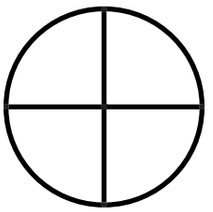
Additional Practice 7.08

For Problems 1–4, circle to show if the shape is split into fourths.

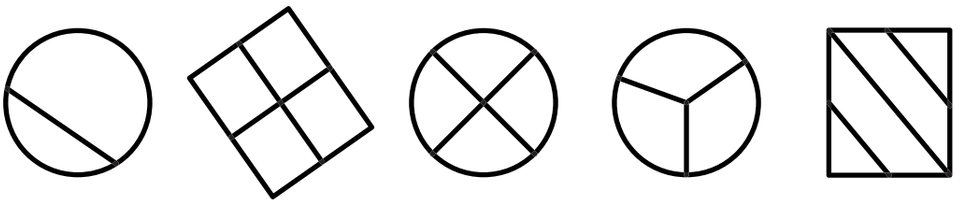
1 

2 

3 

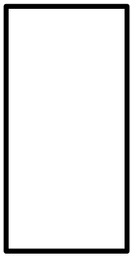
4 

5 Cross out 3 shapes that are *not* split into fourths

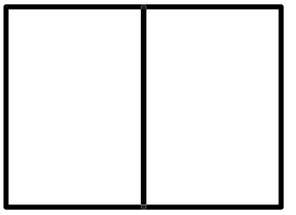


Name _____ Date _____

6 Draw lines to split the rectangle into quarters.

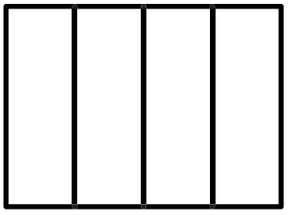


7 Tell if the rectangle is split into fourths and explain your thinking.



_____

8 Tell if the rectangle is split into quarters and explain your thinking.



_____

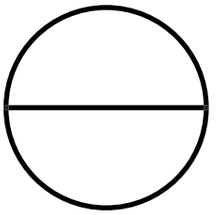
Name _____ Date _____

Additional Practice 7.09

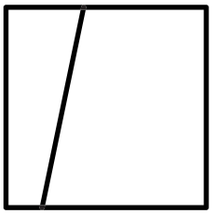
For Problems 1–4, circle to show if the shape is split into halves.

1

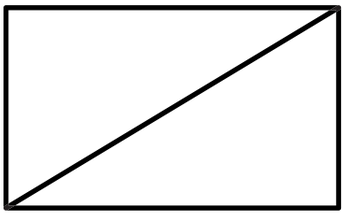
2



3



4



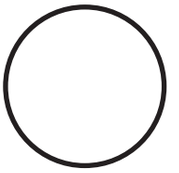
Name _____ Date _____

For Problems 5–8, draw 1 line on each shape to split it into halves.

Draw

5

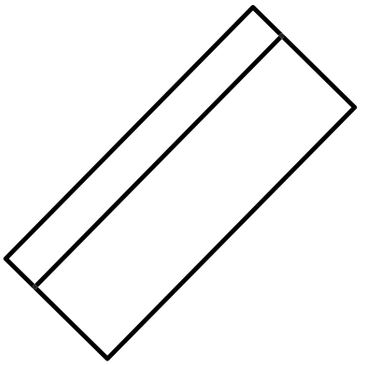
6



7

8

9 Tell if the rectangle is split into halves and explain your thinking.



_____

10 What do you look for to see if a shape is split into halves?

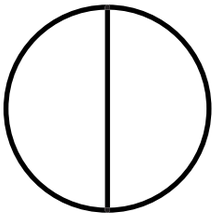
_____

Name _____ Date _____

Additional Practice 7.10

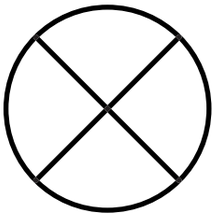
For Problems 1–5, write if the circle is split into *halves*, *quarters*, or *neither*.

1



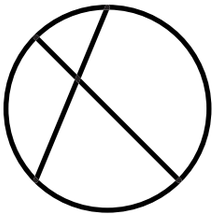
_____

2



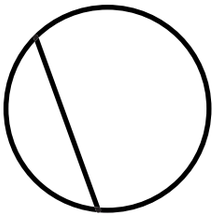
_____

3



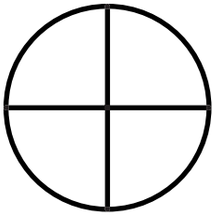
_____

4



_____

5

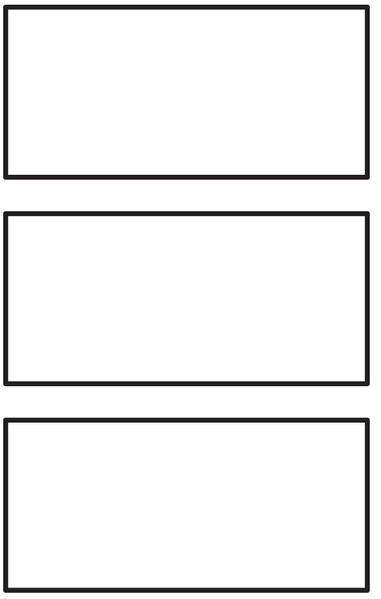


_____

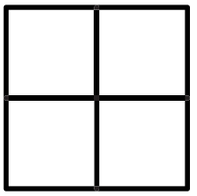
Name _____ Date _____

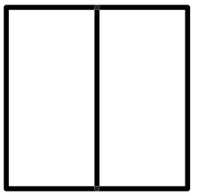
6 Draw lines to split the rectangles into fourths in different ways.

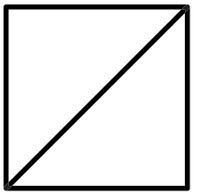
Draw

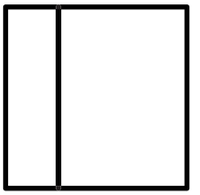


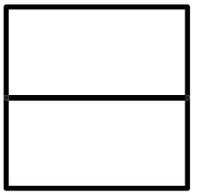
7 Circle **3** squares that are split into halves.

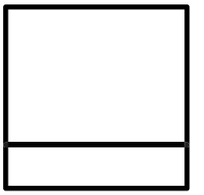












Name _____ Date _____

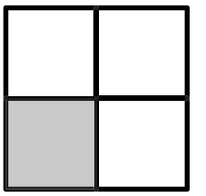
Additional Practice 7.11

For Problems 1–3, write how much of each shape is shaded.

1

_____

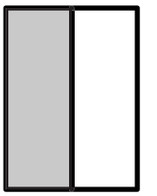
_____



2

_____

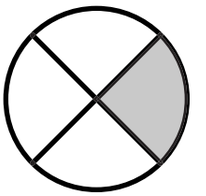
_____



3

_____

_____

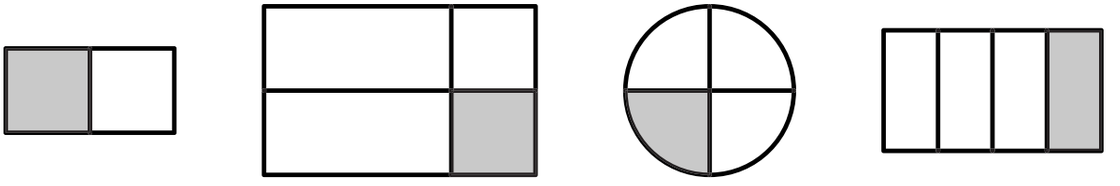


4 Circle 2 ways to describe the part of this shape that is shaded.

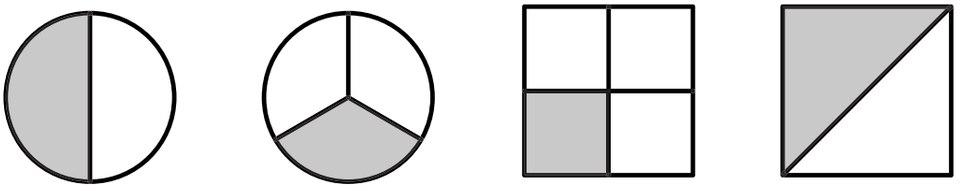
a fourth a quarter a half

Name _____ Date _____

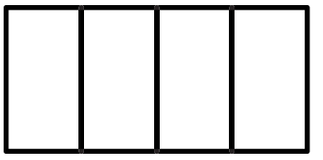
5 Circle **2** shapes that show a quarter of the shape is shaded.



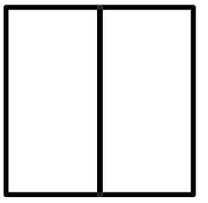
6 Circle **2** shapes that show a half of the shape is shaded.



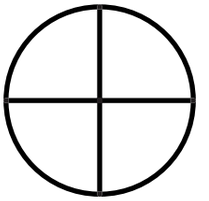
7 Color 4 fourths of the rectangle.



8 Color 2 halves of the square.



9 Color a fourth of the circle.

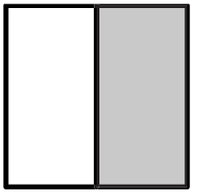


Name _____ Date _____

Additional Practice 7.12

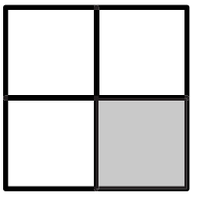
For Problems 1 and 2, write how much of each shape is shaded.

1



_____

2



_____

3 Look at Problems 1 and 2. Circle the shape that has the *greater* amount shaded.

4 Priya sees 2 rectangles that are the same.

Circle which part of the same rectangle is *greater*.

A fourth of the rectangle

A half of the rectangle

5 Han sees 2 rectangles that are the same.
Circle which part of the same rectangle is *smaller*.

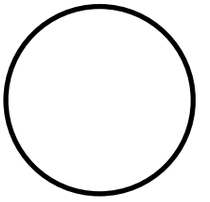
A half of the rectangle

A quarter of the rectangle

Name _____ Date _____

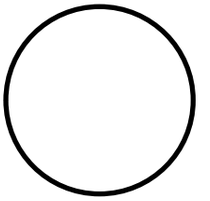
6 Draw lines to split the circle into fourths. Then shade a *fourth* of the circle.

Circle A



7 Draw a line to split the circle into halves. Then shade a *half* of the circle.

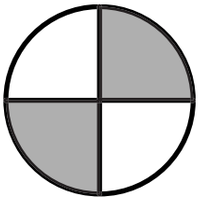
Circle B



8 Which circle has a greater shaded area, Circle A or Circle B?

answer: _____

9 Priya says that a half of this circle is shaded. Do you agree with Priya?



Show your thinking.

answer: _____

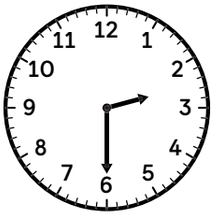
Name _____ Date _____

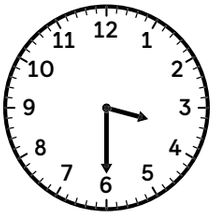
Additional Practice 7.13

1 Circle the clock that shows 5 o'clock.



2 Circle the clock that shows 3:00.





3 Circle the clock that shows 8 o'clock.

12:00 8:00 6:00

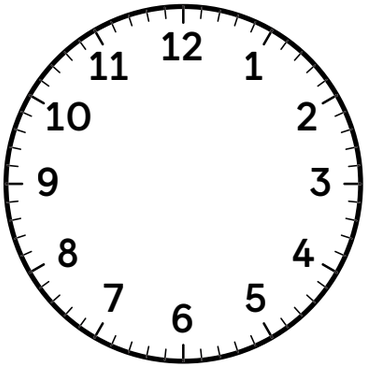
4 Circle the clock that shows 1 o'clock.

9:00 10:00 1:00

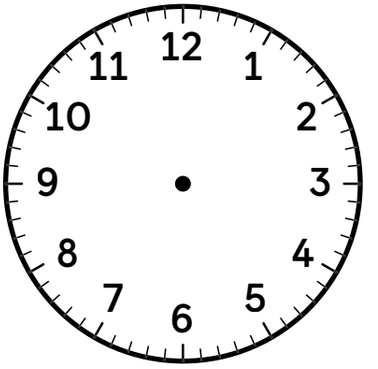
Name _____ Date _____

For Problems 5 and 6, draw the hour hand to show the time.

5 2:00

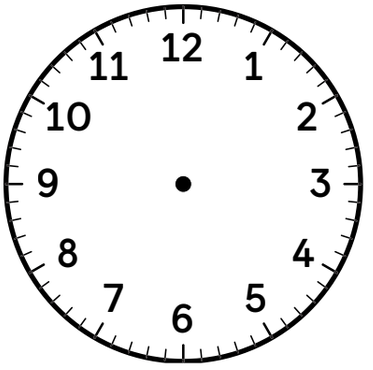


6 11:00

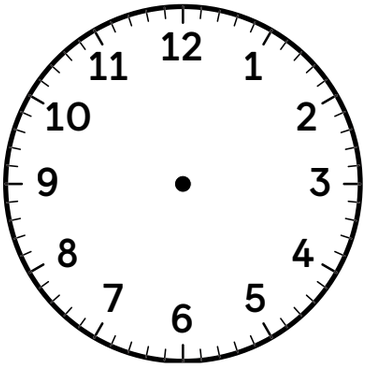


For Problems 7 and 8, fill in the missing written time.

7 ___ : ___



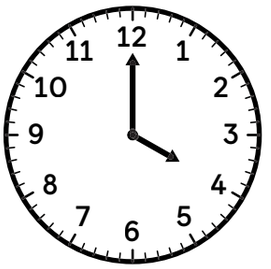
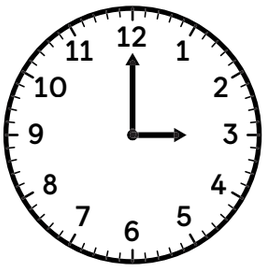
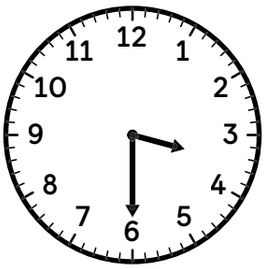
8 ___ : ___



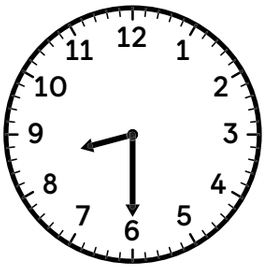
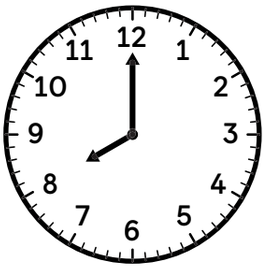
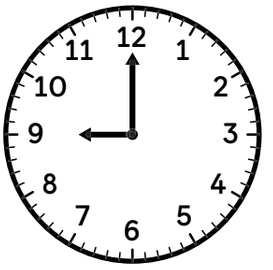
Name _____ Date _____

Additional Practice 7.14

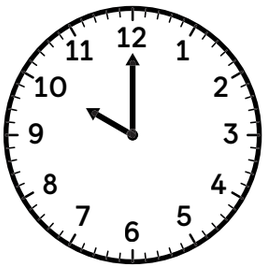
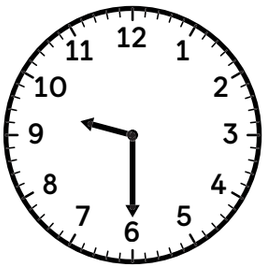
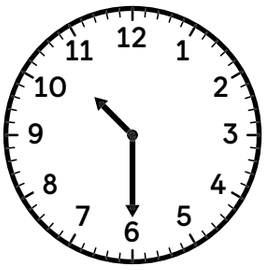
1 Circle the clock that shows half past 3.

2 Circle the clock that shows half past 8.

3 Circle the clock that shows half past 10.

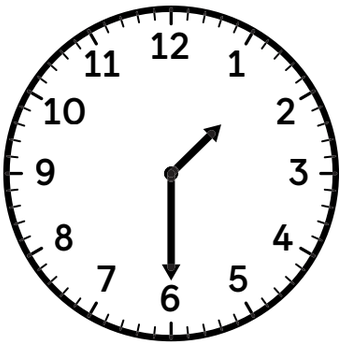
Name _____ Date _____

For Problems 4–7, fill in the number to complete the time.

4

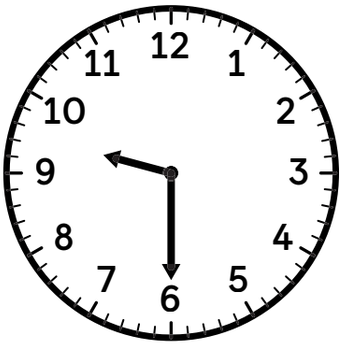
half past _____

5



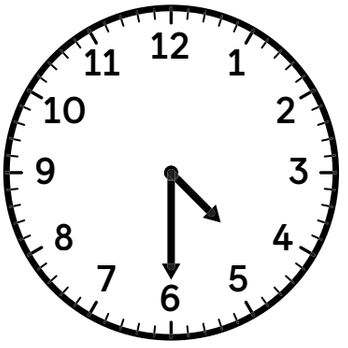
half past _____

6



half past _____

7



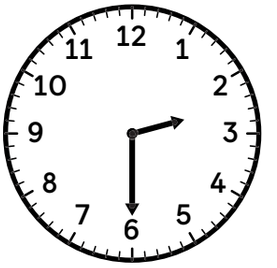
half past _____

Name _____ Date _____

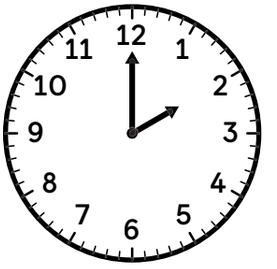
Additional Practice 7.15

For Problems 1–4, draw lines to match the written time with the clock.

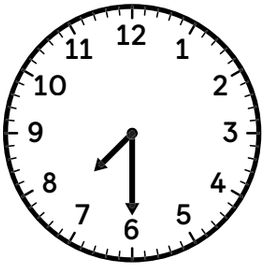
1 half past 7



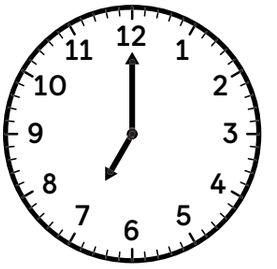
2 7 o'clock



3 2 o'clock



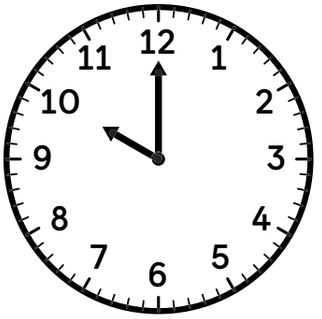
4 half past 2



Name _____ Date _____

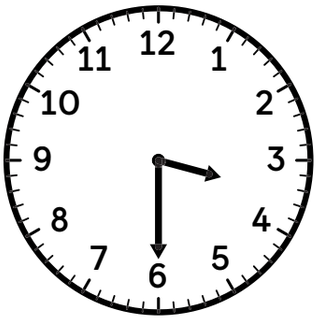
For Problems 5 and 6, write the time.

5



_____

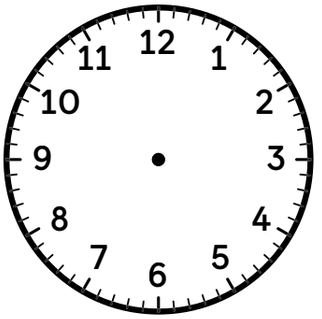
6



_____

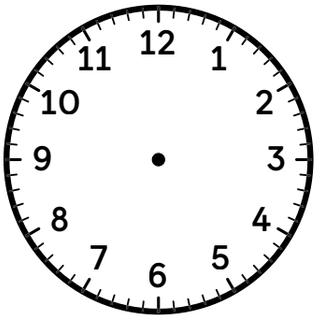
For Problems 7 and 8, draw the hands on the clock to show the time.

7



4 o'clock

8

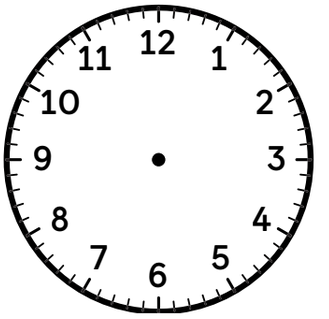


half past 10

Name _____ Date _____

Additional Practice 7.16

1 Draw the minute and hour hands on the clock to show half past 9.



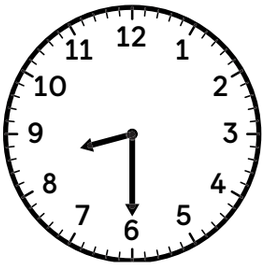
2 Write the time to show half past 9.

For Problems 3–6, write the time.

3

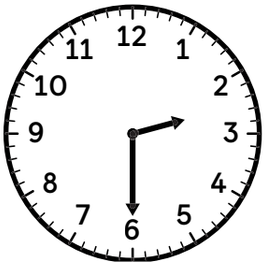
_____

4



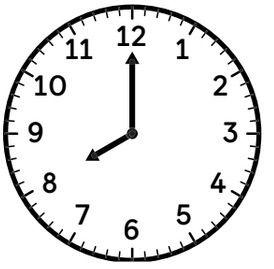
_____

5



_____

6



_____

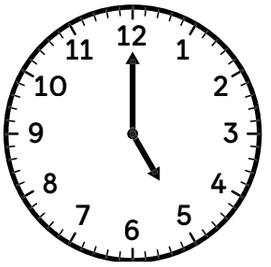
Name _____ Date _____

For Problems 7–10, draw lines to match each clock with a way to write the time.

7

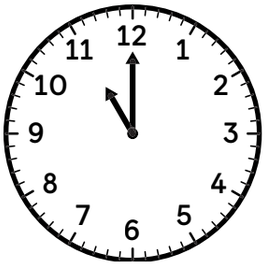
5:00

8



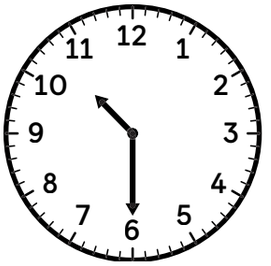
10:30

9



4:30

10

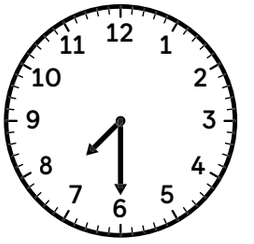


11:00

Name _____ Date _____

Additional Practice 7.17

For Problems 1–4, circle to show if the statement about the clock is *true* or *false*.



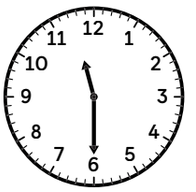
1 It is 6 o'clock.


2 The hour hand is pointing to 6 minutes.

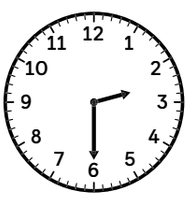
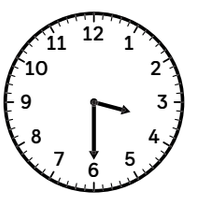

3 The time is 7:30.


4 It is half past 7.


5 Circle the clock that shows half past 11.

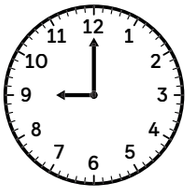




6 Circle the clock that shows 3:30.

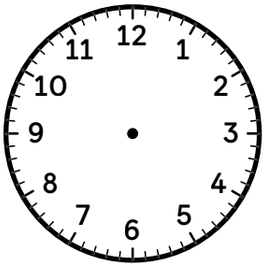
Name _____ Date _____

7 Circle the clock that shows 9:00.

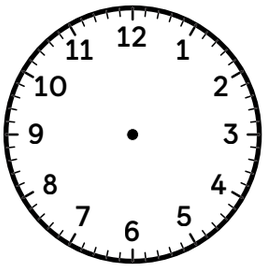

For Problems 8 and 9, use the clues to figure out the time. Draw hands to show the time. Write the time.

8 The minute hand is pointing straight down.
The hour hand is between 10 and 11.



_____

9 The minute hand is pointing straight up.
The hour hand pointing to the 5.



_____