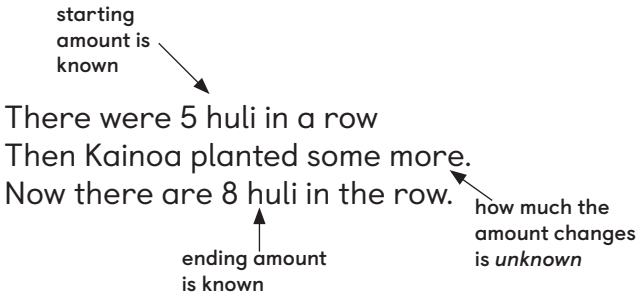
In this sub-unit . . .

- We noticed that some story problems describe an amount that changes. Sometimes, the amount gets larger and sometimes the amount gets smaller.

Kainoa had 5 guavas. Mili gives him 2 more guavas. How many guavas does Kainoa have now?	Kainoa had 5 guavas. He gave 2 guavas to Mili. How many guavas does Kainoa have now?

- We noticed that sometimes the unknown amount in a story problem is how much an amount changes.



- We wrote equations to represent story problems.

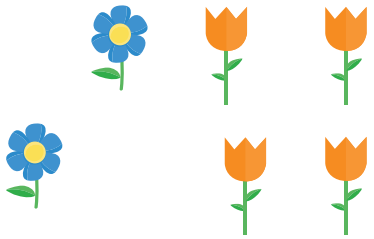
Kainoa wants to grow bluebonnets because he loves the state flower of Texas. He planted 3 bluebonnet seeds on Monday. Then he planted some more seeds on Tuesday. Now there are 7 bluebonnet seeds in the garden. How many seeds did he plant on Tuesday?

$3 + \_\_ = 7$
$3 + 4 = 7$

Math tip: It can be helpful to represent a story problem with an equation even if you do not know all of the amounts.

In this sub-unit . . .

- We noticed that in some story problems, there are 2 parts that make a total amount.

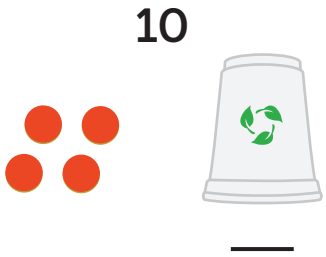


$2 + 4 = \underline{6}$ There are 2 blue flowers and 4 red flowers.

$4 + 2 = \underline{6}$ How many flowers are there?

Math tip: The total amount is the same no matter which order you add the parts.

- We noticed that addition or subtraction can be used to find an unknown part.



$4 + \_\_\_ = 10$

$10 - 4 = \_\_\_$

- We used patterns to find equations that represent the 2 unknown parts of a total amount.

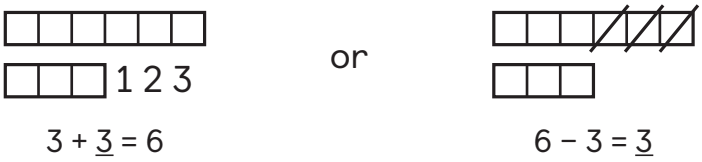
$0 + 5 = 5$
$1 + 4 = 5$
$2 + 3 = 5$

In this sub-unit . . .

- We solved story problems by answering questions about *how many more* and *how many fewer*.

  There are 6 rakes.
  There are 3 students.
  How many *more* rakes are there than students?

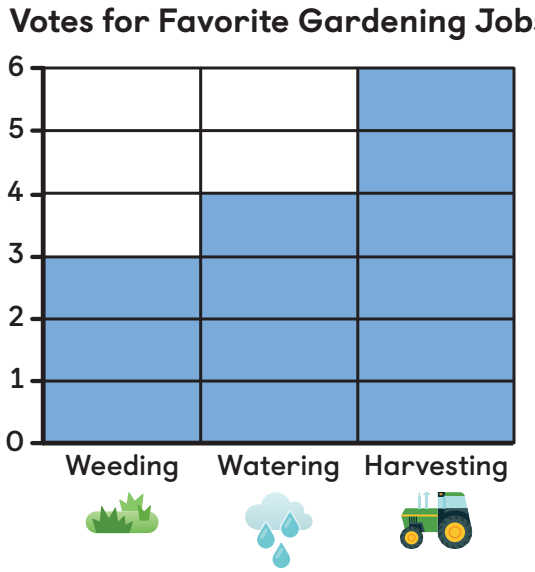
- We noticed that we can add or subtract to find how many more and how many fewer.



$3 + \underline{3} = 6$ $\quad$ $6 - 3 = \underline{3}$

Math tip: To compare amounts, find how many you can add or subtract to make the amounts equal.

- We looked at data representations and compared amounts.



How many fewer votes did watering get than harvesting?

In this sub-unit . . .

- We asked ourselves questions to make sense of the relationship between the amounts in story problems.
  - ***Does an amount change?***
  - ***Are 2 amounts being compared?***
  - ***Are there parts that make a total amount?***

- We noticed story problems can be alike but ask different questions.

  Diego was bird watching and saw 4 Bald Eagles and 3 Northern Mockingbirds. How many fewer Bald Eagles did Diego see than Northern Mockingbirds?

  Diego was bird watching and saw 4 Bald Eagles and 3 Northern Mockingbirds. How many birds did Diego see?

- We thought about if we wanted to use addition or subtraction to find unknown amounts.

subtraction equation	or	addition equation
$5 - 4 = \_\_$		$4 + \_\_ = 5$

Math tip: The difference between 2 amounts can be represented as an unknown addend.