

F.8 - Grade 8 Math

PUBLISHER/PROVIDER MATERIAL INFORMATION (TO BE COMPLETED BY PUBLISHER/PROVIDER)							
Publisher/Provider Name/Imprint:	Publisher/Provider Name/Imprint: Amplify Education, Inc. Grade(s): 8						
Title of Student Edition:	Amplify Desmos Math Grade 8 Student Blended Package, 6 year	Student Edition ISBN:	9798895005293				
Title of Teacher Edition:	Amplify Desmos Math Grade 8 Teacher Edition Blended Package, 6 year	Teacher Edition ISBN:	9798895796948				
Title of SE Workbook: SE Workbook ISBN:							

PUBLISHER/PROVIDER C	PUBLISHER/PROVIDER CITATION VIDEO: Reviewer must view video before starting the review of this set of materials.						
Citation Video Link:	https://www.youtube.com/watch?v=9	nttps://www.youtube.com/watch?v=9jwuK_su4tg					
Citation video certification:	I certify that I have viewed the citation video for this specific publisher and set of materials.						
Digital Material Log In: (Include ONLY if submitting digital materials as part of the review set listed above.)	Website: http://learning.amplify.com/	Password: AmplifyNumber1					

Section 1: Standards Review -- Math Content Standards

PUBLISHER/PROVIDER INSTRUCTIONS:

- Publisher/Provider citations for this section will refer to the **Teacher Edition (teacher-facing core material)**. The cited Teacher Edition should correspond with the title and ISBN entered on the Form F cover page, whether in print, online, or both. The review set submitted to the summer review institute should also correspond with what is cited on the Form F. If the review set is an online platform only, then that is what should be cited on the Form F and submitted for review by the review teams. If the review set is in print only, then that is what should be cited on the Form F and submitted for review by the review teams.
- For this section, the publisher/provider will enter one citation per math content standard in Column D. Each citation should direct the reviewer to a specific location in the materials that best meets the standard. The citations should be concise and should allow the reviewer to easily determine that all components of the standard have been met. Each citation should cover no more than 3 pages within the materials.
 - o Column D: Enter one citation in Column D from the **Teacher Edition (teacher-facing core material)**. Each citation should direct the reviewer to a specific location in the materials that best meets the standard. **If necessary,** you may enter multiple, **targeted** citations in order to address standards with multiple components. Use as few citations as needed to meet the full intent of the standard. Your citations should be concise and should allow the reviewer to easily determine that the full intent and all components of the standard have been met.
 - o Column E: The material will be scored for alignment with each standard as "Meets expectations", "Partially meets expectations", or "Does not meet expectations" based on the citation provided.

o NOTE: You may not use a citation more than once across ALL sections of the rubric.

	O NOTE: 100 may not use a citation more than once across ALL sections of the rabit.								
Criteria #	Standard	F.8 Grade 8 Math Standards Review	Publisher/Provider Citation from Teacher Edition	Score	If Scored D: Reviewer's Evidence for Publisher Citation	Reviewer Citation from Student Edition/Workbook	Score	Required: Reviewer's Evidence	Comments, other citations, notes
DOMAIN	MAIN: 8.NS - The Number System								
Cluster:	Know that the	ere are numbers that are not rational, and approximate them by ratio	nal numbers.						
1	8.NS.1	Know that numbers that are not rational are called irrational. Understand informally that every number has a decimal expansion; for rational numbers show that the decimal expansion repeats eventually, and convert a decimal expansion which repeats eventually into a rational number.	Unit 8, Lesson 12 - pp 795A-B expressing fractions as a decimal Unit 8, Lesson 13 - pp 802A-B expressing a repeating or terminating decimals as fractions Unit 8, Lesson 14 - pp 809A-B justifying if a number is rational or irrational						
2	8.NS.2	Use rational approximations of irrational numbers to compare the size of irrational numbers, locate them approximately on a number line diagram, and estimate the value of expressions (e.g., π^2). For example, by truncating the decimal expansion of $\sqrt{2}$, show that $\sqrt{2}$ is between 1 and 2, then between 1.4 and 1.5, and explain how to continue on to get better approximations.	Unit 8, Lesson 3 - pp 723A-B approximate square roots Unit 8, Lesson 4 - pp 730A-B locate square roots on a number line						
		sions and Equations							
Cluster:	Work with rac	licals and integer exponents.			,				
3	8.EE.1	Know and apply the properties of integer exponents to generate equivalent numerical expressions. For example, $3^2 \times 3^{-5} = 3^{-3} = 1/3^3 = 1/27$.	Unit 7, Lesson 1 - pp 605A-B know properties of exponents Unit 7, Lesson 2 - pp 612A-B apply properties of exponents Unit 7, Lesson 3 - pp619 A-B powers of powers and products of powers Unit 7, Lesson 4 - pp 625A-B writing equivalent expressions with a single power Unit 7, Lesson 5 - pp 632A-B negative and zero exponents Unit 7, Lesson 6 - pp 639 A-B generalizing exponent properties						

		Use square root and cube root symbols to represent solutions to		
4	8.EE.2		<u>nit 8, Lesson 5</u> - pp737A-B cube	
"	0.66.2	number. Evaluate square roots of small perfect squares and cube	pots	
		roots of small perfect cubes. Know that $\sqrt{2}$ is irrational.		
		Use numbers expressed in the form of a single digit times an integer	nit 7, Lesson 7 - pp 649A-B very	
		power of 10 to estimate very large or very small quantities, and to	rge numbers	
		express how many times as much one is than the other. For		
5	8.EE.3	,	nit 7, Lesson 8 - pp 656A-B very	
		1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	nall numbers	
		, , ,	<u>nit 7, Lesson 11</u> - pp 678A-B for	
		population is more than 20 times larger.	stimation	
		Perform operations with numbers expressed in scientific notation,	<u>nit 7, Lesson 9</u> - pp 665A-B	
		including problems where both decimal and scientific notation are	efine and use scientific notation	
		used. Use scientific notation and choose units of appropriate size for	nit 7, Lesson 10 - pp 671A-B	
		measurements of very large or very small quantities (e.g., use	ultiplying and dividing with	
		millimeters per year for seafloor spreading). Interpret scientific	cientific notation	
6	8.EE.4	notation that has been generated by technology.	nit 7, Lesson 12 - pp 685A-B	
			noose units of appropriate size	
			nit 7, Lesson 13 - pp 691A-B	
			dding and subtracting with	
			cientific notation	
-				
Cluster:	Understand th	ne connections between proportional relationships, line, and linear eq	itions.	
		Graph proportional relationships, interpreting the unit rate as the		
		slope of the graph. Compare two different proportional relationships	<u>nit 3, Lesson 1</u> - pp 189A-B	
7	8.EE.5	represented in different ways. For example, compare a distance-time	<u>nit 3, Lesson 2</u> - pp196A-B	
		graph to a distance-time equation to determine which of two moving	nit 3, Lesson 3 - pp 202A-B	
		objects has greater speed.		
		Use similar triangles to explain why the slope <i>m</i> is the same between	nit 2, Lesson 9 - pp 167A-B	
		any two distinct points on a non-vertical line in the coordinate plane;		
		derive the equation $y = mx$ for a line through the origin and the	nit 2, Lesson 10 - pp 175A-B to	
			erive slope of a line using	
		equation y = mx + b for a fine intercepting the vertical axis at b.	milar triangles	
	8.EE.6		nit 3, Lesson 8 - pp 240A-B to	
°	0.66.0			
			erive equation of a line of the	
			prm y = mx + b	
			<u>nit 3, Lesson 9</u> - pp 251A-B	
			erive slope using two distinct	
			pints	
Cluster:	Analyze and s	olve linear equations and pairs of simultaneous linear equations.		
9	8.EE.7	Solve linear equations in one variable.	nit 4, Lesson <u>3</u> - pp 306A-B	
9	ð.EE./		nit 4, Lesson 8 - pp 341A-B	
		Give examples of linear equations in one variable with one solution,		
		infinitely many solutions, or no solutions. Show which of these		
		possibilities is the case by successively transforming the given		
10	8.EE.7.a	equation into simpler forms, until an equivalent equation of the	<u>nit 4, Lesson 6</u> - pp 326A-B	
		form $x = a$, $a = a$, or $a = b$ results (where a and b are different		
		numbers).		

11	8.EE.7.b	Solve linear equations with rational number coefficients, including equations whose solutions require expanding expressions using the distributive property and collecting like terms.	Unit 4, Lesson 4 - pp314A-B Unit 4, Lesson 5 - pp320A-B with rational coefficients Unit 4, Lesson 7 - pp 334A-B using distributive property and combining like terms			
12	8.EE.8	Analyze and solve pairs of simultaneous linear equations.	<u>Unit 4, Lesson 9</u> - pp 353A-B			
13	8.EE.8.a	Understand that solutions to a system of two linear equations in two variables correspond to points of intersection of their graphs, because points of intersection satisfy both equations simultaneously.	<u>Unit 4, Lesson 11</u> - pp 366A-B			
14	8.EE.8.b	Solve systems of two linear equations in two variables algebraically, and estimate solutions by graphing the equations. Solve simple cases by inspection. For example, $3x + 2y = 5$ and $3x + 2y = 6$ have no solution because $3x + 2y$ cannot simultaneously be 5 and 6.	Unit 4, Lesson 12 - pp 374A-B Unit 4, Lesson 13 - pp 381A-B solving algebraically Unit 4, Lesson 14 - pp 389A-B using multiple strategies			
15	8.EE.8.c	Solve real-world and mathematical problems leading to two linear equations in two variables. For example, given coordinates for two pairs of points, determine whether the line through the first pair of points intersects the line through the second pair.	<u>Unit 4, Lesson 10</u> - pp 360A-B			
DOMAIN	: 8.F - Function	ns			 	
Cluster:	Define, evalua	ate, and compare functions.				
16	8.F.1	Understand that a function is a rule that assigns to each input exactly one output. The graph of a function is the set of ordered pairs consisting of an input and the corresponding output.	Unit 5, Lesson 2 - pp 408A-B Unit 5, Lesson 3 - pp 415A-B using the graph of a function Unit 5, Lesson 4 - pp 423A-B each input has exactly one output			
17	8.F.2	Compare properties of two functions each represented in a different way (algebraically, graphically, numerically in tables, or by verbal descriptions). For example, given a linear function represented by a table of values and a linear function represented by an algebraic expression, determine which function has the greater rate of change.	<u>Unit 5, Lesson 7</u> - pp 446A-B			
18	8.F.3	Interpret the equation $y = mx + b$ as defining a linear function, whose graph is a straight line; give examples of functions that are not linear. For example, the function $A = s^2$ giving the area of a square as a function of its side length is not linear because its graph contains the points $(1,1)$, $(2,4)$ and $(3,9)$, which are not on a straight line.	<u>Unit 5, Lesson 12</u> - pp 486A-B non linear equations			

19	8.F.4	Construct a function to model a linear relationship between two quantities. Determine the rate of change and initial value of the function from a description of a relationship or from two (x, y) values, including reading these from a table or from a graph. Interpret the rate of change and initial value of a linear function in terms of the situation it models, and in terms of its graph or a table of values.	Unit 3, Lesson 5 - pp 217A-B Unit 3, Lesson 6 - pp 225A-B Unit 3, Lesson 7 - pp 232A-B for interpretation of rate of change and initial value in terms of the situation Unit 3, Lesson 11 - pp 264A-B to write an equation of a line given two points Unit 3, Lesson 13 - pp 279A-B for modeling a linear relationship between two values			
20	8.F.5	Describe qualitatively the functional relationship between two quantities by analyzing a graph (e.g., where the function is increasing or decreasing, linear or nonlinear). Sketch a graph that exhibits the qualitative features of a function that has been described verbally.	Unit 5, Lesson 5 - pp 433A-B Unit 5, Lesson 6 - pp 439A-B Unit 5, Lesson 9 - pp 459A-B piecewise functions			
DOMAIN	: 8.G - Geome	·	precewise functions			
		ongruence and similarity using physical models, transparencies, or geo	metry software.			
21	8.G.1	Verify experimentally the properties of rotations, reflections, and translations:	Unit 1, Lesson 2 - pp 10A-B Unit 1, Lesson 3 - pp17A-B Unit 1, Lesson 4 - pp 24A-B			
22	8.G.1.a	Lines are taken to lines, and line segments to line segments of the same length.	<u>Unit 1, Lesson 7</u> - pp 49A-B Rigid Transformations			
23	8.G.1.b	Angles are taken to angles of the same measure.	<u>Unit 1, Lesson 10</u> - pp 74-75 Activity 3			
24	8.G.1.c	Parallel lines are taken to parallel lines.	Unit 1, Lesson 10 - pp 73 Activity 2			
25	8.G.2	Understand that a two-dimensional figure is congruent to another if the second can be obtained from the first by a sequence of rotations, reflections, and translations; given two congruent figures, describe a sequence that exhibits the congruence between them.	Unit 1, Lesson 8 - pp 55A-B congruence obtained through sequence of transformations Unit 1, Lesson 9 - pp 63A-B determining congruence			
26	8.G.3	Describe the effect of dilations, translations, rotations, and reflections on two-dimensional figures using coordinates.	Unit 1, Lesson 5 - pp 31A-B for translations and reflections Unit 1, Lesson 6 - pp 38A-B for rotations Unit 2, Lesson 1 - pp105A-B for dilations			
27	8.G.4	Understand that a two-dimensional figure is similar to another if the second can be obtained from the first by a sequence of rotations, reflections, translations, and dilations; given two similar two-dimensional figures, describe a sequence that exhibits the similarity between them.	<u>Unit 2, Lesson 3</u> - pp 118A-B <u>Unit 2, Lesson 6</u> - pp 145A-B			

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		Use informal arguments to establish facts about the angle sum and	<u>Unit 1, Lesson 10</u> - pp 71A-B			
		exterior angle of triangles, about the angles created when parallel	<u>Unit 1, Lesson 11</u> - pp 79A-B			
28	8.G.5	lines are cut by a transversal, and the angle-angle criterion for	angles sums in triangles			
20	8.4.5		Unit 1, Lesson 12 - pp 85A-B			
		triangle so that the sum of the three angles appears to form a line,	<u>Unit 2, Lesson 7</u> - pp 152A-B			
		and give an argument in terms of transversals why this is so.	angle-angle criterion			
Cluster:	Understand a	nd apply the Pythagorean Theorem.				
		Explain a proof of the Pythagorean Theorem and its converse.	<u>Unit 8, Lesson 7</u> - pp757A-B			
		Explain a proof of the rythagorean medicin and its converse.	Proof of the Pythagorean			
			Theorem			
29	8.G.6		Unit 8, Lesson 9 - pp771A-B			
			Converse of the Pythagorean			
			Theorem			
		Apply the Pythagorean Theorem to determine unknown side lengths	Unit 8, Lesson 8 - pp 764A-B			
		in right triangles in real-world and mathematical problems in two	apply Pythagorean Theorem two			
30	8.G.7	and three dimensions.	dimensions			
			<u>Unit 8, Lesson 10</u> - pp 779A-B			
			apply Pythagorean Theorem in			
			real world problems			
31	8.G.8	Apply the Pythagorean Theorem to find the distance between two	<u>Unit 8, Lesson 11</u> - pp786A-B			
	L	points in a coordinate system.				
Cluster:	Solve real-wo	rld and mathematical problems involving volume of cylinders, cones,				
			<u>Unit 5, Lesson 11</u> - pp 478A-B			
		and use them to solve real-world and mathematical problems.	cylinders			
			<u>Unit 5, Lesson 13</u> - pp 493A-B			
32	8.G.9		cones			
32	0.0.5		Unit 5, Lesson 14 Activity 3 p 503			
			for real world problem			
			Unit 5, Lesson 15 - pp507A-B for			
			spheres			
DOMAIN	I: 8.SP - Statisti	cs and Probability				
Cluster:	Investigate pa	tterns of association in bivariate data.				
		Construct and interpret scatter plots for bivariate measurement data	<u>Unit 6, Lesson 1</u> - pp 519A-B			
		to investigate patterns of association between two quantities.	scatter plots			
		Describe patterns such as clustering, outliers, positive or negative	<u>Unit 6, Lesson 4</u> - pp 539A-B			
		association, linear association, and nonlinear association.	describing patterns and			
			identifying outliers			
33	8.SP.1		<u>Unit 6, Lesson 7</u> - pp 561A-B			
			identifying positive or negative			
			association			
			<u>Unit 6, Lesson 8</u> - pp 569A-B			
			determining linear or nonlinear			
			association			
	1	ı				į .

34	8.SP.2		Unit 6, Lesson 6 - pp 553A-B fitting a line to data and judge fit of the line			
35	8.SP.3	Use the equation of a linear model to solve problems in the context of bivariate measurement data, interpreting the slope and intercept. For example, in a linear model for a biology experiment, interpret a slope of 1.5 cm/hr as meaning that an additional hour of sunlight each day is associated with an additional 1.5 cm in mature plant height.	<u>Unit 6, Lesson 9</u> - pp 575A-B drawa line to fit bivariate data			
36	8.SP.4	Understand that patterns of association can also be seen in bivariate categorical data by displaying frequencies and relative frequencies in a two-way table. Construct and interpret a two-way table summarizing data on two categorical variables collected from the same subjects. Use relative frequencies calculated for rows or columns to describe possible association between the two variables. For example, collect data from students in your class on whether or not they have a curfew on school nights and whether or not they have assigned chores at home. Is there evidence that those who have a curfew also tend to have chores?	Unit 6, Lesson 10 - pp 587A-B using two-way tables Unit 6, Lesson 11 - pp 593A-B using relative frequencies			

Standards for Mathematical Practice (SMPs)	The SMPs will be score locations (such as page	Reviewer TrackingOccurrences of SMPs within Materials: The SMPs will be scored on the Grades K-12 Math Content Review tab. Use this space to record specific locations (such as page numbers, URLs) where you find each SMP addressed during your review of the materials. They should be interwoven throughout the materials.					
	First fourth of the	Second fourth of the	Third fourth of the	Final Fourth of the			
	materials	materials	materials	materials			
1 Make sense of problems and persevere in solving them.							
2 Reason abstractly and quantitatively.							
3 Construct viable arguments and critique the reasoning of others.							
4 Model with mathematics.							
5 Use appropriate tools strategically.							
6 Attend to precision.							
7 Look for and make use of structure.							
8 Look for and express regularity in repeated reasoning.							

Section 2: Math Content Review

PUBLISHERS/PROVIDERS:

- The Math Content Review tab will be completed solely by the reviewers. They will score each criterion and provide evidence for their score from the material based on their overall review of the material. You will not provide any citations for this tab.
- The material will be scored for alignment with each criterion as "Meets expectations", "Partially meets expectations", or "Does not meet expectations".

Criteria #	Grades K-12 Math Content Criteria	Score	Required: Reviewer's Evidence from Material Include where you found the evidence in the material and what evidence you found that supports your score.	Comments, citations, notes
	REA 1: RIGOR AND MATHEMATICAL PRACTICES			
	s support student mastery through a grade-appropriate b			l application.
Materia	Is meaningfully connect the Content Standards (CCSS) with	h the Stand	ards for Mathematical Practice (SMPs).	T
	Conceptual Understanding:			
1	Materials support the intentional development of students' conceptual understanding of key mathematical			
	concepts.			
	Procedural Skill and Fluency:			
	Materials support intentional opportunities for students			
2	to develop procedural skills and fluencies in alignment			
	with what is called for in the grade-level standards.			
	Application:			
	Materials support students' ability to leverage			
3	mathematical skills, concepts, representations, and			
	strategies across a range of contexts, (including applying			
	learning to real-world situations and new contexts).			
	Balance of Rigor:			
	With equitable intensity			
4	The three aspects of rigor are not always treated			
	together and are not always treated separately. The			
	three aspects are balanced with respect to the standards			
	being addressed in each grade level.			
	SMPs 1 and 6			
_	Materials support the intentional development of			
5	making sense of problems and attending to precision as			
	required by the mathematical practice standards 1 and 6.			
	0.			

	Table 1						
	SMPs 2 and 3						
	Materials support the intentional development of						
6	reasoning abstractly and quantitatively, along with						
	developing viable arguments and critiquing the						
	reasoning of others, in connection to the content						
	standards, as required by the practice standards 2 and 3.						
	SMPs 4 and 5						
	Materials support the intentional development of						
7	modeling and using tools, in connection to the content						
	standards, as required by the mathematical practice						
	standards 4 and 5.						
	SMPs 7 and 8						
	Materials support the intentional development of seeing						
8	structure and generalizing, in connection to the content						
	standards, as required by the mathematical practice						
	standards 7 and 8.						
FOCUS	AREA 2: STUDENT CENTERED INSTRUCTION						
Materia	als contain embedded resources (routines, strategies, and p	edagogica	I suggestions) to support all students in developing a po	sitive			
mathen	natical identity, cultivating self-efficacy, and seeing themse	lves as a co	ontributor to the math community.				
	Materials provide students with opportunities to		·				
	develop self-efficacy and a positive mathematical						
9	identity through opportunities to engage in grade-level						
	tasks using various sharing strategies and approaches.						
	Materials provide opportunities for students to see						
10	themselves as contributors to the math community.						
FOCUS	AREA 3: INSTRUCTIONAL SUPPORTS FOR ALL STAKEHOLDE	RS					
	als provide guidance and resources to support educators in		ng the mathematical content and providing responsive	and			
	differentiated instruction to all students. Materials contain helpful resources to support implementation and instruction (e.g. materials for						
	, teachers, students, families/ caregivers, etc).						
	Teacher materials contain full, adult-level explanations						
	and examples of the mathematics concepts within						
	lessons so teachers can improve their own knowledge of						
11	the subject. Materials are in print or clearly						
	distinguished/accessible as a teacher's edition in digital						
1	materials.						
	materials.						

12	The materials provide guidance for unit/lesson preparation to support use of the materials as intended and to further develop the teachers' own understanding of the mathematical approach.		
13	Teacher materials provide insight into students' ways of thinking with respect to important mathematical concepts, especially anticipating a variety of student responses.		
14	Materials contain strategies for informing parents or caregivers about the mathematics program and suggestions for how they can help support student progress and achievement.		

Section 2: All Content Review **PUBLISHERS/PROVIDERS:** • The All Content Review tab will be completed solely by the reviewers. They will score each criterion and provide evidence for their score from the material based on their overall review of the material. You will not provide any citations for this tab. • The material will be scored for alignment with each criterion as "Meets expectations", "Partially meets expectations", or "Does not meet expectations". **Required:** Reviewer's Evidence from Material Criteria **All Content Criteria Review** Score *Include where you found the evidence in the material and* Comments, citations, notes what evidence you found that supports your score. **FOCUS AREA 1: COHERENCE** Instructional materials are coherent and consistent with the New Mexico Content Standards that all students should study in order to be college- and career-ready. Instructional materials address the full content contained in the standards for all students by grade 1 level. Instructional materials support students to show 2 mastery of each standard. Instructional materials require students to engage at a level of maturity appropriate to the grade level under review. Instructional materials are coherent, making meaningful connections for students by linking the standards within 4 a lesson and unit. **FOCUS AREA 2: WELL-DESIGNED LESSONS** Instructional materials take into account effective lesson structure and pacing. The Teacher Edition presents learning progressions to provide an overview of the scope and sequence of skills and concepts. The design of the assignments shows a purposeful sequencing of teaching and learning expectations. Within each lesson of the instructional materials, there are clear, measurable, standards-aligned content 6 objectives.

Within each lesson of the instructional materials, there are clear, measurable language objectives tied directly

to the content objectives.

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	Instructional materials provide focused resources to						
8	support students' acquisition of both general academic						
	vocabulary and content-specific vocabulary.						
	The visual design of the instructional materials (whether						
9	in print or digital) maintains a consistent layout that						
	supports student engagement with the subject.						
10	Instructional materials incorporate features that aid						
10	students and teachers in making meaning of the text.						
	Instructional materials provide students with ongoing						
11	review and practice for the purpose of retaining						
	previously acquired knowledge.						
FOCUS A	REA 3: RESOURCES FOR PLANNING						
Instruction	onal materials provide teacher resources to support plann	ning, learni	ng,				
and unde	erstanding of the New Mexico Content Standards.						
	Instructional materials provide a list of lessons in the						
	Teacher Edition (in print or clearly distinguished/						
12	accessible as a teacher's edition in digital materials),						
12	cross-referencing the standards addressed and providing						
	an estimated instructional time for each lesson, chapter,						
	and unit.						
	Instructional materials support teachers with						
13	instructional strategies to help guide students' academic						
	development.						
	Instructional materials include a teacher edition/						
	teacher-facing material with useful annotations and						
14	suggestions on how to present the content in the						
	student edition/student-facing material and in the						
	supporting material.						
15	Instructional materials integrate opportunities for digital						
13	learning, including interactive digital components.						
FOCUS A	FOCUS AREA 4: ASSESSMENT						
Instructional materials offer teachers a variety of assessment resources and tools							
to collect	to collect ongoing data about student progress related to the standards.						

16	Instructional materials provide a variety of assessments					
	that measure student progress in all strands of the					
	standards for the content under review.					
	(Adopted New Mexico Content Standards for 2025: CCSS					
	for Mathematics.)					
	Instructional materials provide multiple formative and					
17	summative assessments, clearly defining which					
	standards are being assessed through content and					
	language objectives.					
	Instructional materials provide scoring guides for					
	assessments that are aligned with the standards they					
18	address, and that offer teachers guidance in interpreting					
	student performance and suggestions for further					
	instruction, differentiation, and/or acceleration.					
	Instructional materials provide appropriate assessment					
19	alternatives for English Learners, Culturally and					
	Linguistically Diverse students, advanced students, and					
	special needs students.					
	Instructional materials include opportunities to assess					
20	student understanding and knowledge of the standards					
20						
FOCUS A	using technology.					
	FOCUS AREA 5: EXTENSIVE SUPPORT Instructional materials give all students extensive opportunities and support to explore key concepts.					
Instructi		ia support	to explore key concepts.			
21	Instructional materials can be customized or adapted to					
	meet the needs of different student populations.					
	Instructional materials provide differentiated strategies					
22	and/or activities to meet the needs of students working					
	below proficiency and those of advanced learners.					
	Instructional materials provide appropriate linguistic					
	support for English Learners and Culturally and					
23	Linguistically Diverse students, and accommodations					
23	and modifications for other special populations that will					
	support their regular and active participation in learning					
	content.					
	1					

24	Instructional materials provide strategies and resources							
	for teachers to inform and engage parents, family							
	members, and caregivers of all learners about the							
	program and provide suggestions for how they can help							
	support student progress and achievement.							
	Instructional materials include opportunities for all							
25	students that encourage and support critical and							
25	creative thinking, inquiry, and complex problem-solving							
	skills.							
FOCUS A	FOCUS AREA 6: CULTURAL AND LINGUISTIC PERSPECTIVES							
Instructi	ional materials represent a variety of cultural and linguistic	c perspecti	ves.					
	Instructional materials inform culturally and linguistically							
26	responsive pedagogy by affirming students' backgrounds							
20	in the materials themselves and in the student							
	discussions.							
	Instructional materials provide a collection of images,							
27	stories, and information, representing a broad range of							
21	demographic groups, and do not make generalizations							
	or reinforce stereotypes.							
	Instructional materials provide context, illustrations, and							
28	activities for students to make interdisciplinary							
20	connections and/or connections to real-life experiences							
	and diverse cultural and linguistic backgrounds.							
FOCUS A	FOCUS AREA 7: INCLUSION OF CULTURALLY AND LINGUISTICALLY RESPONSIVE LENS							
Instructi	ional materials highlight diversity in culture and language t	through m	ultiple perspectives.					
	Instructional materials include tools and resources to							
29	relate the content area appropriately to diversity in							
	culture and language.							
30	Instructional materials include tools and resources that							
	demonstrate multiple perspectives in a specific concept.							
	Instructional materials engage students in critical							
31	reflection about their own lives and societies, including							
	cultures past and present in New Mexico.							
32	Instructional materials address multiple ethnic							
	descriptions, interpretations, or perspectives of events							
	and experiences.							

Amplify Desmos Math

Amplify Desmos Math Grade 8 Form F Abbreviation Key: