Mathematics

Grade 6

Scoring Protocol

2017-2018

oregon Extended Assessment - Grade o Mathema	ties scoring i ro	10001			2017-2010
Item 1 Option:	Α	В	С	Correct	Scoring (0/1)
L - Here is a number line with a point labeled B. (Point to student materials.) Is Point B between 1-2, 4-5, or 7-8?	1-2	4-5	7-8	С	
Scoring: 0 = incorrect; 1 = correct] []
Item 2 Option:	Α	В	С	Correct	Scoring (0/1)
M - Here is a picture graph. (Point to	a set of 6	6 dots (the ful	ll cell) repres		icture on the g
student materials.) This picture graph shows how students get to school. How many students ride the bus: 4, 6, or 7?	4	6	7	С	
Scoring: 0 = incorrect; 1 = correct					
Item 3 Option:	Α	В	С	Correct	Scoring (0/1)
L - Here is an addition problem. (Point	numbers a	are substitute	d for pictures		
to student materials.) If you have \$3, and your friend has \$4, how much money do you both have all together: \$5, \$6, or \$7?	\$5	\$6	\$7	С	
Scoring: 0 = incorrect; 1 = correct					
Item 4 Option:	Α	В	С	Correct	Scoring (0/1)
L - Median means in the middle. For example, a median in a road would be a	the pic	cture of a road	d is omitted		
wall or line in the middle. It might look like this. (Point to student materials.) Look at this number line. What number is in the middle of the 2 and the 4: 2, 3, or 4? Scoring: 0 = incorrect; 1 = correct	2	3	4	b	
Item 5 Option:	А	В	С	Correct	Scoring (0/1)
L - Here is a 6 foot by 1 foot rectangle					3 (-7)
made of squares. (Point to student materials.) What is the area of this figure: 4, 5, or 6 square feet?	4	5	6	С	
Scoring: 0 = incorrect; 1 = correct					
Item 6 Option:	Α	В	С	Correct	Scoring (0/1)
L - Here is a picture graph of students' a student favorite fruit. (Point to student materials.) How many students like pineapple the best: 4, 5, or 6?	set of 6 dots	(the full cell)	represents 6	each picture	on the grid
Scoring: 0 = incorrect; 1 = correct					

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Item 7 Option.	: A	В	С	Correct	Scoring (0/1)
M - Here is a number line with a point labeled F. (Point to student materials.) Is Point F between 12-13, 15-16, or 19-20?		15-16	19-20	a	
Scoring: 0 = incorrect; 1 = correct					
Item 8 Option.	: A	В	С	Correct	Scoring (0/1)
L - Here is a description of an expression: Three plus m. (Point to student materials.) Which of these expressions matches the description: A, B, or C?	3 + m A	3m B	3 - m C	a	
Scoring: 0 = incorrect; 1 = correct					
Item 9 Option		B substituted	C for pictures of	Correct of money in	Scoring (0/1) the equation
M - Here is an addition problem. (Point to student materials.) You have \$11 and your friend has \$6. How much money do you have all together: \$15, \$16, or \$17?	\$15	\$16	\$17	С	
Scoring: 0 = incorrect; 1 = correct					
Item 10 Option.	: A	В	С	Correct	Scoring (0/1)
H - Here is a description of an expression: Nine plus four times x, minus three times y. (Point to student materials.) Which of these expressions matches the description: A, B, or C?	9 + 4x - 3y A	9x + 4y B	9 + 3y C	a	
Scoring: 0 = incorrect; 1 = correct					
Item 11 Option.	: A	В	С	Correct	Scoring (0/1)
M - Here is a bar graph of the color of the pants that students in class are wearing. (Point to student materials.) How many students are wearing brown pants: 8, 13, or 16?	8	13	16	b	
Scoring: 0 = incorrect; 1 = correct					
Item 12 Option. M - Here is an addition problem. (Point	: A	В	С	Correct	Scoring (0/1)
to student materials.) Kent and George go out to pizza. Kent eats 1/4 of the pizza. George eats one whole pizza! How much pizza did they eat all together: 1/2 pizza, 1 pizza, or 1 1/4 pizza?	1 1/4 1	1	1 1/4	С	

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Item 13	Option:	Α	В	С	Correct	Scoring (0/1)
L - Here is an addition problem. to student materials.) If you eat sandwich and your friend eats a sandwich, how many total sand did you both eat: 1, 1 1/2, or 2?	1/2 of a whole wiches	1	1 1/2	2	b	
Scoring: 0 = incorrect; 1 = corre	ct					
Item 14 M - Here is a bar graph. (Point t student materials.) The bar grap		Α	В	С	Correct	Scoring (0/1)
the results of a classroom surve favorite types of music. How ma students voted that their favori is rock music: 7, 11, or 12? Scoring: 0 = incorrect; 1 = corre	y about any te music	7	11	12	a	
Item 15	Option:	A	В	С	Correct	Scoring (0/1)
L - Frank mows lawns for extra i	•				Correct	Scoring (0/1)
He can mow 2 lawns in 1 hour. (student materials.) What is the lawns to hours: 2:1, 2:3, or 3:1?	Point to ratio of	2:1	2:3	3:1	a	
Scoring: 0 = incorrect; 1 = corre	ct					
Item 16	Option:	Α	В	С	Correct	Scoring (0/1)
H - Here is a number line with t	wo					3 (, ,
numbers, 56 and 64. (Point to s materials.) Is 56 the same as 64 than 64, or more than 64?		=	<	>	b	
Scoring: 0 = incorrect; 1 = corre	ct					
Item 17	Option:	Α	В	С	Correct	Scoring (0/1)
H - Here is a line graph of the da	aily high					_
temperatures for one week. (Postudent materials.) What was the temperature on Monday: 95 de 96 degrees, or 98 degrees?	ne high	95 degrees	96 degrees	98 degrees	a	
Scoring: 0 = incorrect; 1 = corre	ct					
Item 18 H - Here is an inequality, 2x plus	•	Α	В	С	Correct	Scoring (0/1)
greater than or equal to 10. (Po student materials.) Which of the values for x and y is a possible s for this inequality: x=1, y=2; x=2 x=3, y=5? Scoring: 0 = incorrect; 1 = corre	ese olution 2, y=2; or,	x = 1, y = 2	x = 2, y = 2	x = 3, y= 5	С	
(coring(1) - incorrect(1) - correct(1)						

Item 19 Option:	Α	В	С	Correct	Scoring (0/1)
L - Here is a number line with a dot on the number three. (Point to student materials.) Which number is the same distance from zero as three: -2, -3, or -4?	-2	-3	-4	b	
Scoring: 0 = incorrect; 1 = correct					
Item 20 Option:	Α	В	С	Correct	Scoring (0/1)
H - Here is a box that is 3 inches long, 4		side unit lines a	are omitted	Correct	Scoring (0/1)
inches wide, and 2 inches high. (Point to student materials.) How many cubic inches is this box: 20, 22, or 24?	20	22	24	С	
Scoring: 0 = incorrect; 1 = correct					
Item 21 Option:	Α	В	С	Correct	Scoring (0/1)
L - Here is a picture graph. (Point to	a set of six	dots (full cell)	replaces ea	ch counting	shape in the graph
student materials.) The picture graph shows the results of a survey about		¬ — — — — — — — — — — — — — — — — — — —			elow the x-axis
students' favorite zoo animal. How		5			
many students liked the bear the most:	3		7	a	
3, 5, or 7?					
Scoring: 0 = incorrect; 1 = correct					
Item 22 Option:	Α	В	С	Correct	Scoring (0/1)
H - Six people went out for dinner. The					3 , , ,
bill for their meal was \$72. (Point to student materials.) If they split the costs evenly, how much money does each person owe for their meal: \$10, \$11, or \$12?	\$10	\$11	\$12	С	
Scoring: 0 = incorrect; 1 = correct					
Item 23 Option:	Α	В	С	Correct	Scoring (0/1)
M - Here is a description of an					-
expression: Five divided by b, plus three. (Point to student materials.)	5 ÷ b + 3	5b + 3	5 - b + 3	a	
Which of these expressions matches the description: A, B, or C?	А	В	c		
Scoring: 0 = incorrect; 1 = correct] []			
Item 24 Option:	Α	В	С	Correct	Scoring (0/1)
H - Here is a division problem. (Point to student materials.) Joyce has 5 pencils. If she breaks them all in 1/2 how many pieces will she have: 3, 5, or 10?	3	5	10	С	
Scoring: 0 = incorrect; 1 = correct					

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Item 25	Option:	Α	В	С	Correct	Scoring (0/1)
L - Here is a 3 foot by 3 foot so made of squares. (Point to stu materials.) What is the area o figure: 8, 9, or 10 square feet?	ident f this	8	9	10	b	
Scoring: 0 = incorrect; 1 = corr	rect					
Item 26	Option:	Α	В	С	Correct	Scoring (0/1)
H - Here is a pentagon that is	_	the grid is a	bbreviated, x	&y axes offs	et	·
coordinates for one point. (Po student materials.) What are to coordinates for this point: (4, or (2, 4)?	the	(4, 4)	(4, 2)	(2, 4)	С	
Scoring: 0 = incorrect; 1 = corr	rect					
Item 27 H - In order to buy concert tic you have to be at the ticket st		Α	В	С	Correct	Scoring (0/1)
between 4 and 7 pm. (Point to materials.) Which expression	o student	4 ≤ T ≤ 7	T ≥ 7	T ≤ 4	a	
the description for the time poyou have to be there: A, B, or <i>Scoring:</i> 0 = incorrect; 1 = corr	C?	А	В	С	a	
Item 28	Option:		В		Correct	Scoring (0/1)
H - Here is an expression, 40b	•		_		Correct	Scoring (0/1)
(Point to student materials.) V these expressions is the same C?	Vhich of	60b + 2	20b + 2	18b	b	
		A	В	C		
Scoring: 0 = incorrect; 1 = corr	rect					
Item 29	Option:	Α	В	С	Correct	Scoring (0/1)
H - Here is a subtraction probl	lem. (Point					31,7,
to student materials.) Amy ha spent \$30 on a new shirt. Hov money does she have left: \$2, \$30?	v much	\$2	\$4	\$30	a	
Scoring: 0 = incorrect; 1 = corr	rect					J [
Item 30 H - Here is a real-world math recycling bottles for money. (F		out	В	С	Correct	Scoring (0/1)
materials.) For every bottle (b turned in at the recycling cent pays 5 cents (c). Which equati relationship: c = 5b, b = 5c, or) that gets ter, the store ion shows th b= c?	c = 5	b = 2c	b = c	a	
Scoring: 0 = incorrect; 1 = corr	rect					

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Item 31	Option:	Α	В	С	Correct	Scoring (0/1)
H - Here is a line graph of the of people in a store. (Point to materials.) How many people the store at 3 pm: 2, 6, or 18	student e were in	2	6	18	b	
Scoring: 0 = incorrect; 1 = cor	rrect					
Item 32 H - Here are four numbers, 6 and 9. To get the average, we		Α	В	С	Correct	Scoring (0/1)
numbers together and divide number of entries. (Point to s materials.) What is 6 + 6 + 7 - by 4: 5, 6, or 7? Scoring: 0 = incorrect; 1 = cor	e by the student + 9 divided	5	6	7	С	
Item 33	Option:	A	В			0 1 (0/4)
	•	А	D	C	Correct	Scoring (0/1)
H - A calculator has 16 button it. (Point to student materials calculators have 16 buttons, ratio of calculators to buttons 8:16, or 16:1?	s.) If all what is the	1:16	8:16	16:1	а	
Scoring: 0 = incorrect; 1 = cor	rrect					
Item 34	Option:	Α	В	С	Correct	Scoring (0/1)
H - Here is an input/output to student materials.) The values for Y are 21, 28, and was 34, or 35?	lues for onding	30	34	35	С	
Scoring: 0 = incorrect; 1 = cor	rrect					
Item 35 H - Here is an addition proble to student materials.) Jack ar	•	A equati	<i>B</i> on substitute	C d for pictures	Correct s 1/3+1/3 =	Scoring (0/1)
mom baked them a cake. Jac of the cake and Jill ate 1/3 of How much of the cake did th 2/3 or 3/3? Scoring: 0 = incorrect; 1 = cor	k ate 1/3 the cake. ey eat: 1/3,	1/3	2/3	3/3	b	
Item 36	Option:	Α	В	С	Correct	Scoring (0/1)
H - Here are seven numbers. student materials.) The mear average of a set of numbers. number is the mean: 26, 27,	n is the Which or 30?	26	27	30	С	
Scoring: 0 = incorrect; 1 = cor	rect					

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Item 37	Option:	Α	В	С	Correct	Scoring (0/1)
M - Here is a horse with four to student materials.) If all ho four legs, what is the ratio of legs: 1:4, 4:4, or 4:8?	rses have	1:4	4:4	4:8	a	
Scoring: 0 = incorrect; 1 = cor	rect					
Item 38	Option:	Α	В	С	Correct	Scoring (0/1)
H - Here is a measurement pr (Point to student materials.) E a baseball. How far did he thr ball in meters: 8m, 9m, or 10r	Bob threw ow the	8 m	9 m	10 m	С	
Scoring: 0 = incorrect; 1 = cor	rect					
Item 39	Option:	Α	В	С	Correct	Scoring (0/1)
H - Tom has two hours to get concert that is 60 miles away. student materials.) How far de have to drive each hour: 10 miles, or 60 miles?	(Point to oes Tom	10	30	60	b	
Scoring: 0 = incorrect; 1 = cor	rect					
Item 40	Option:	Α	В	С	Correct	Scoring (0/1)
M - Here is a 3 foot by 4 foot and a 2 foot by 2 foot square. student materials.) What is the this figure: 16, 18, or 20 square.	(Point to ne area of	16	18	20	a	
Scoring: 0 = incorrect; 1 = cor	rect					
Item 41	Option:	Α	В	С	Correct	Scoring (0/1)
L - Here is an equation, x plus 10. (Point to student material of these values for x is a possi solution for this equality: $x = 6$ x = 8?	s.) Which ble	x = 6	x = 7	x = 8	a	
Scoring: 0 = incorrect; 1 = cor	rect					
Item 42	Option:	Α	В	С	Correct	Scoring (0/1)
M - Match the inequality with		ror in answe	er choice B h	as been corr	ected in the	braille
description. 2 times x is greate y. (Point to student materials. inequality matches the descri) Which	2x > y	2x < y	2x = y	a	
or C?		А	В	С		
Scoring: 0 = incorrect; 1 = cor	ובנו					

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Item 43 Option: L - Here is a division problem. (Point to	А	В	С	Correct	Scoring (0/1)
student materials.) Three friends go get ice cream. It costs \$9 for all of them to get ice cream. How much did it cost for each person to get ice cream: \$3, \$4, or \$5? Scoring: 0 = incorrect; 1 = correct	\$3	\$4	\$5	a	
Item 44 Option:	A	В			- (0/1)
,	A	Б	C	Correct	Scoring (0/1)
M - Here is a 3 foot by 4 foot rectangle, and a 2 foot by 3 foot rectangle. (Point to student materials.) What is the area of this figure: 16, 18, or 20 square feet?	16	18	20	b	
Scoring: 0 = incorrect; 1 = correct					
Item 45 Option:	Α	В	С	Correct	Scoring (0/1)
M - Here is a table of the factors of 12	input/outp	ut table show	vn vertically i	n braille	
and 24. (Point to student materials.) What is the largest factor that 12 and 24 have in common: 10, 12, or 14?	10	12	14	b	
Scoring: 0 = incorrect; 1 = correct					
Item 46 Option:	Α	В	С	Correct	Scoring (0/1)
H - Here is an expression xy - z, which					_
means x times y minus z. (Point to student materials.) If $x = 5$, $y = 2$, and $z = 3$, what is the value of the expression: 6, 7 or 8?	6	7	8	b	
Scoring: 0 = incorrect; 1 = correct					J
Item 47 Option:	Α	В	С	Correct	Scoring (0/1)
L - Here is a table of the factors of 5 and	input/outp	out table show	wn vertically	in braille	3 (, ,
10. (Point to student materials.) What is the largest factor that is the same for 5 and 10: 2, 5, or 10?	2	5	10	b	
Scoring: 0 = incorrect; 1 = correct					
Item 48 Option:	Α	В	С	Correct	Scoring (0/1)
M - Here is an expression $2x + 9y$, which means 2 times x plus 9 times y. (Point to student materials.) If $x = 5$ and $y = 2$, what is the value of the expression: 28, 29, or 30? Scoring: $0 = \text{incorrect}$; $1 = \text{correct}$	28	29	30	а	