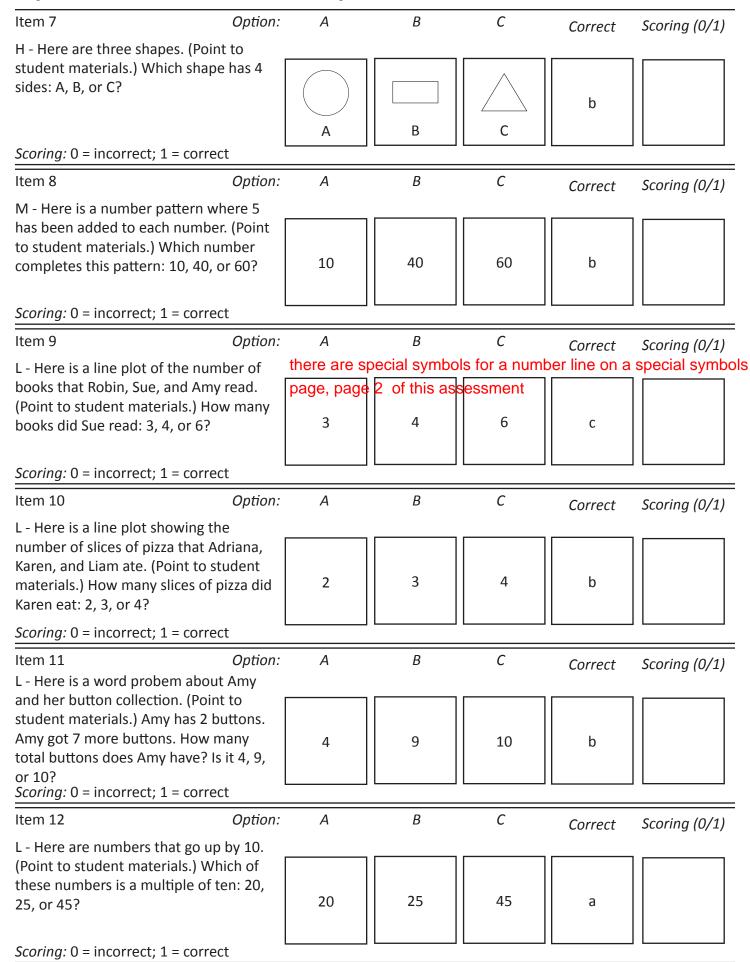
## **Mathematics**

Grade 5

Scoring Protocol

2017-2018

Oregon Extended Assessment - Grade 5 Ma	шетан	cs scoring Proc	ocoi			2017-2018
Item 1 Op	tion:	Α	В	С	Correct	Scoring (0/1)
L - Here are three numbers. (Point to student materials.) Point to the num 20.	_	5	13	20	С	
Scoring: 0 = incorrect; 1 = correct	L					
Item 2 Op	tion:	Α	В	С	Correct	Scoring (0/1)
L - Here are three shapes. (Point to student materials.) Which shape has angles: A, B, or C?	3	A	B	C	С	
Scoring: 0 = incorrect; 1 = correct	L					
Item 3 Op	tion:	Α	В	С	Correct	Scoring (0/1)
L - Here is a number pattern where 1 has been added to each number. (Po to student materials.) Which numbe completes this pattern: 2, 5, or 8?	oint	2	5	8	С	
Scoring: 0 = incorrect; 1 = correct	L					
Item 4 Op	tion:	Α	В	С	Correct	Scoring (0/1)
L - Here is a multiplication problem, 2. (Point to student materials.) What the answer to this problem: 0, 2, or 4	t is	0	2	4	С	
Scoring: 0 = incorrect; 1 = correct	L					] []
Item 5 Op	tion:	Α	В	С	Correct	Scoring (0/1)
L - Here is a word problem about DeAndre and his toy cars. (Point to student materials.) DeAndre has 5 ca and gets 3 more. How many total car does DeAndre have: 4, 6, or 8?		4	6	8	С	
Scoring: 0 = incorrect; 1 = correct	L					J [
Item 6 Op	tion:	А	В	С	Correct	Scoring (0/1)
H - Here are three numbers. (Point to student materials.) Which of these numbers is five point five: A, B, or C?  Scoring: 0 = incorrect; 1 = correct		0.5	3.5	5.5	С	



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Item 13	Option:	Α	В	С	Correct	Scoring (0/1)
M - Here is the number 4. (Poir student materials.) Which numequal to 10 times the number 4. 10: 4, 22, or 40?	ber is	4	22	40	С	
Scoring: 0 = incorrect; 1 = corre	ect					
Item 14	Option:	Α	В	С	Correct	Scoring (0/1)
M - Here is a number pattern whas been added to each number to student materials.) Which no completes this pattern: 20, 26,	er. (Point umber	20	26	36	a	
Scoring: 0 = incorrect; 1 = corre	ect					
Item 15	Option:	А	В	С	Correct	Scoring (0/1)
H - Here are three shapes. (Poi student materials.) Which shap sets of parallel sides: A, B, or C	e has 2	A	B	С	С	
Scoring: 0 = incorrect; 1 = corre	ect					
Item 16 H - Here is a description of a multiplication problem. (Point	Option:	Α	В	С	Correct	Scoring (0/1)
student materials.) Which of the expressions matches the verbastatement forty-two times one equals twenty-one: A, B, or C?  Scoring: 0 = incorrect; 1 = corrects	nese I -half	24 X 2 = 48 A	2 X 1/2 = 1 B	42 X 1/2 = 21 C	С	
Item 17	Option:	A	В			Coordina (0/1)
M - Here are three math expre	•	<i>/</i> 1	Б	C	Correct	Scoring (0/1)
(Point to student materials.) W these expressions says the qua minus 8 plus 7: A, B, or C?	hich of	(8 - 7) + 10 <b>A</b>	(14 - 8) + 7 B	(8 + 7) C	b	
Scoring: 0 = incorrect; 1 = corre	ect					
Item 18	Option:	Α	В	С	Correct	Scoring (0/1)
H - Here is the number 33.3. (P student materials.) How many greater is the three in the tens' compared to the three in the o place: 3, 10, or 30?  Scoring: 0 = incorrect; 1 = corre	times ' place nes'	3	10	30	b	
Jeoning. 0 - meditect, 1 - corre						

Item 19 Option:	Α	В	С	Correct	Scoring (0/1)
M - Here is a coordinate plane, which is	id size is ah	breviated x	and v axes a	are offset to	accommodate th
like two rulers going different directions.		1			
(1 office to stade the materials.) This is the	gnificant info	Imation			
Y-axis. (Point to Y-axis.) This is the X-axis.	(3, 2)	(2, 4)	(5, 1)	a	
(Point to X-axis.) What are the coordinates					
of point C: (3,2), (2,4), or (5,1)?					
Scoring: 0 = incorrect; 1 = correct					
Item 20 Option:	Α	В	С	Correct	Scoring (0/1)
H - Here are three math expressions.					
(Point to student materials). Which					
of these expressions says 35 plus the	(35 + 42) - 9	35 + (42 + 9)	35 + (42 - 9)		
quantity 42 minus 9: A, B, or C?	(33 + 42) - 9	33 1 (42 1 3)	33 1 (42 3)	С	
, , ,	А	В	С		
Coordinate O in comments 1 comment					
Scoring: 0 = incorrect; 1 = correct					
Item 21 Option:	Α	В	С	Correct	Scoring (0/1)
L - Here is the number 6 multipled					
by the number 5. (Point to student					
materials.) Will multiplying 6 by 5 make					
it smaller, bigger, or will it stay the	smaller	bigger	same	b	
same?					
Convince O in convents 1 convent					
Scoring: 0 = incorrect; 1 = correct					
Item 22 Option:	Α	В	С	Correct	Scoring (0/1)
H - Here is a picture of a rectangle that is 9					
yards by 3 yards (point to rectangle) and a		1			1
unit square that is 1 yard by 1 yard (point					
to square). How many unit square yards fit	18	23	27	С	
in the large rectangle? (Point to complete					
rectangle.) Is it 18, 23, or 27?			]		
Scoring: 0 = incorrect; 1 = correct					
Item 23 Option:	Α	В	С	Correct	Scoring (0/1)
M - Here is a line plot showing the					31,,,
number of hours Franz, Fred, and					1
Forrest spent reading this week. (Point					
to student materials.) How many total	14	15	16	b	
hours did Franz, Fred, and Forrest spend					
reading: 14, 15, or 16?					
Scoring: 0 = incorrect; 1 = correct					
Item 24 Option:	A	В	С	Correct	Scoring (0/1)
II Ilava is a sacardinata plana (Daint					accommodate the
to student materials ) This is the V-avis			and y axes	טוואטנונט	accommodate t
(Point to Y-axis.) This is the X-axis.	gnificant inf	ormation			
(Point to X-axis.) Which point on the	^			h	
coordinate plane shows the point (7, 3):	Α	В	С	b	
A, B, or C?					
Scoring: 0 = incorrect; 1 = correct					

Oregon Extended Assessment - Grade 5 Wath						2017-2018
Item 25 Opti	ion:	Α	В	С	Correct	Scoring (0/1)
M - Here are two numbers, 28 and 30, with a blank in between. (Point to student materials.) Is 28 equal to 30, less than 30, or greater than 30?		=	<	>	b	
Scoring: 0 = incorrect; 1 = correct						] []
Item 26 Opti	ion:	Α	В	С	Correct	Scoring (0/1)
H - Here is a ruler, showing that 12 inches is one foot. (Point to student materials.) How many inches is 1.5 fee 15, 18, or 21 inches?	et:	15 inches	18 inches	21 inches	b	
Scoring: 0 = incorrect; 1 = correct						
Item 27  H - Here is a unit cube that is 1-inch, by 1-inch, by 1-inch and a box that is 2	tion: 2	Α	В	С	Correct	Scoring (0/1)
inches long, 5 inches wide, and 3 inch high. (Point to student materials.) Volu- equals L x W x H. How many unit cube will fit in this box: 25, 29, or 30? Scoring: 0 = incorrect; 1 = correct	es ume	25	29	30	С	
Item 28 Opti	ion:	A	В	С		Carda (0/4)
H - Here is a picture of a rectangle	011.	A	Б	C	Correct	Scoring (0/1)
that is 4 yards by 5 yards and a unit square that is 1 yard by 1 yard. (Point to student materials.) How many unit square yards will fit in the large rectangle: 5, 10, or 20?  Scoring: 0 = incorrect; 1 = correct		5	10	20	С	
Item 29 Opti	ion:	A	В		Correct	Scoring (0/1)
H - Here is the number 96. (Point to					Correct	Scoring (0/1)
student materials.) Which number is i the ones' place: 9, 6, or 60?	n	9	6	60	b	
Scoring: 0 = incorrect; 1 = correct						
Item 30 Opti	ion:	Α	В	С	Correct	Scoring (0/1)
H - Here is a cube with a base area of square inches and a height of 3 inches (Point to student materials.) How mar cubic inches is this cube: 16, 24, or 30	s. ny	this figure is dimensions 16	omitted, not are given 24	accessible t	o the braille b	reader.
Scoring: 0 = incorrect; 1 = correct						

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tem 31	Option:	Α	В	С	Correct	Scoring (0/1)
H - Here is an addition problem plus 1/3. (Point to student ma we have 1/3 and add 1/3, how we have all together: 1/3, 2/3	terials.) If v much do	1/3	2/3	3/3	b	
Scoring: 0 = incorrect; 1 = cor	rect					J L
Item 32	Option:	Α	В	С	Correct	Scoring (0/1)
H - Here is a cube with a base			omitted, not a	accessible to	the braille	reader.
square inches and a height of (Point to student materials.) F cubic inches is this cube: 26, 2	low many	mensions a	are given 28	30	С	
Scoring: 0 = incorrect; 1 = corr	rect					
ltem 33 L - Here is a coordinate plane,	Option:	Α	В	С	Correct	Scoring (0/1)
two rulers going different dire to student materials.) This is t (Point to Y-axis.) This is the X-a X-axis.) This point, A, is 4 units and how many units up: 3, 4, Scoring: 0 = incorrect; 1 = con	ections. (Point he Y-axis. axis. (Point to s to the right or 5?	significan	s abbreviated t information 4	, x and y axe	as are offse	t to accommodat
Item 34	Option:	Α	В	С	Correct	Scoring (0/1)
H - Here is a math problem wi	th the				30.7.000	
number 15. (Point to student What is one-third of 15: 5, 10	, or 12?	5	10	12	a	
Scoring: 0 = incorrect; 1 = corr	rect					
tem 35	Option:	Α	В	С	Correct	Scoring (0/1)
H - Here is a multiplication pro 7. (Point to student materials) the answer to this problem: 4 54?	. What is	45	49	54	b	
Scoring: 0 = incorrect; 1 = corr	rect					
tem 36	Option:	Α	В	С	Correct	Scoring (0/1)
H - Here is the number 44.4. ( student materials.) How many greater is the four in the tens' compared to the four in the o 10, 40, or 400?	times place	10	40	400	a	
Scoring: 0 = incorrect; 1 = corr	rect					

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Item 37 Option	n: A	В	С	Correct	Scoring (0/1)
M - Here is the number 6 multipled by the number negative 8. (Point to student materials.) Will multiplying 6 by negative 8 make it smaller, bigger, or will it stay the same?	smaller	bigger	same	a	
Scoring: 0 = incorrect; 1 = correct					J []
Item 38 Option	n: A	В	С	Correct	Scoring (0/1)
H - Here is a subtraction problem: 28.5 minus 23.5. (Point to student materials. If you have 28.5 and you take away 23.5 how many are left: 4, 5, or 7?	·	5	7	b	
Scoring: 0 = incorrect; 1 = correct					J [
Item 39 Option	n: A	В	С	Correct	Scoring (0/1)
M - Here is a math expression: Five plus parenthesis, 11 minus 1, parenthesis. (Point to student materials.) If we subtract 11 - 1 first, then add 5, what is the answer: 10, 15, or 17?	10	15	17	b	
Scoring: 0 = incorrect; 1 = correct					
Item 40 Option	n: A	В	С	Correct	Scoring (0/1)
M - Here is a number line with a point labeled A. (Point to student materials.) Is point A at 5.5, 6.5, or 7.5?	5.5	6.5	7.5	a	
Scoring: 0 = incorrect; 1 = correct					
Item 41 Option	n: A	В	С	Correct	Scoring (0/1)
H - Here is a subtraction problem: 2/3 minus 1/3. (Point to student materials.) If we have 2/3 and take away 1/3, how much is left: 2/3, 1/3, or 3/3?	2/3	1/3	3/3	b	
Scoring: 0 = incorrect; 1 = correct					
Item 42 Option L - Here is a math expression: 3 plus	n: A	В	С	Correct	Scoring (0/1)
parenthesis 8 minus 4, parenthesis. (Point to student materials.) Parentheses show us what to do first. If we subtract 8 - 4 first, then add 3, what is the answer: 4, 7, or 15?  Scoring: 0 = incorrect; 1 = correct	4	7	15	b	

3	3				
Item 43 Option: H - Here is a unit cube that is 1-inch, by 1-inch, by 1-inch and a box that is 2	Α	В	С	Correct	Scoring (0/1)
inches long, 6 inches wide, and 2 inches high. (Point to student materials.) Volume equals L x W x H. How many unit cubes will fit in this box: 22, 24, or 28?  Scoring: 0 = incorrect; 1 = correct	22	24	28	b	
Item 44 Option:	Α	В	С	Correct	Scoring (0/1)
L - Here is a subtraction problem: 1 minus 1/2. (Point to student materials.) If we have 1 and we take away 1/2, how much is left: 0, 1/2, or 1?	0	1/2	1	b	
Scoring: 0 = incorrect; 1 = correct					
Item 45 Option:  M - Here is a multiplication problem, 2	Α	В	С	Correct	Scoring (0/1)
X 15. (Point to student materials.) What is the answer to this problem: 25, 30, or 45?	25	30	45	b	
Scoring: 0 = incorrect; 1 = correct					
Item 46 Option:  M - Here is a unit cube that is 1-inch, by 1-inch, by 1-inch and a box that is 2	Α	В	С	Correct	Scoring (0/1)
inches long, 3 inches wide, and 3 inches high. (Point to student materials.) Volume equals L x W x H. How many unit cubes will fit in this box: 10, 18, or 20?  Scoring: 0 = incorrect; 1 = correct	10	18	20	b	
Item 47 Option:	A	В	С	Correct	Scoring (0/1)
M - Here is the number 6 multipled				Correct	Scoring (0/1)
by the number negative 1. (Point to student materials.) Will multiplying 6 by negative 1 make it smaller, bigger, or will it stay the same?	smaller	bigger	same	a	
Scoring: 0 = incorrect; 1 = correct					
Item 48 Option:	Α	В	С	Correct	Scoring (0/1)
H - Here is the decimal 2.5. (Point to student materials.) When this number is rounded up to the nearest whole number, is it rounded to 2.0, 3.0, or 3.5?	2.0	3.0	3.5	b	
Scoring: 0 = incorrect; 1 = correct					