

Name _____ Age _____ Date _____

School _____ Grade _____ Teacher _____

EMDI Scoring Guide: Grade 6

3: ON TARGET Shows automaticity and/or uses appropriate strategy for grade level; able to explain thinking and makes no mistakes or self corrects without prompting.

2: CLOSE TO TARGET Has good core understanding but it is not completely developed; growing fluency and ability to explain thinking; may need prompting.

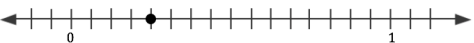
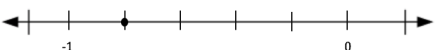
1: BELOW TARGET Shows some understanding but has gaps or flaws in thinking, fluency and explanation.

0: VERY BELOW TARGET Shows little to no understanding.

*NOTE: Only grade level items are included on the scoring guide. (Foundational skills are not included, though a score of 1 could be given if there is evidence of understanding at the grade below. Make a note in the item comment space to support the score.) Two possible summary sheets are included at the end of this scoring guide based on your need for data collection and share out.

*NOTE: Always encourage students to first think aloud about the solution without writing or using other tools (unless the question or prompt directly says to write or use a tool). If the student has difficulty and needs to use an optional tool, then this should be noted in the score-sheet.

ITEM 1 Compare	A. 0 -3 (>)	0	1	2	3	Total
	B. -7 -5 (<)	0	1	2	3	
	C. -4 -4.5 (>)	0	1	2	3	
	D. $-\frac{1}{2}$ $-\frac{1}{16}$ (<)	0	1	2	3	
						/12

ITEM 2 Number ID	A. 	0	1	2	3	Total
	(1/4 or 4/16)					
	B. 	0	1	2	3	
	(-4/5)					

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ITEM 3 Percent of a Quantity	A. What is 5% of 30? (1.5)	0	1	2	3	Total
	B. 6 is what % of 24? (25%)	0	1	2	3	
	C. 30% of what is 6? (20)	0	1	2	3	/9

ITEM 4 Equivalent Ratios	A. $4 : 7 = \underline{\hspace{1cm}} : 21$ (12)	0	1	2	3	Total
	B. $12 : \underline{\hspace{1cm}} = 4 : 3$ (9)	0	1	2	3	/6

ITEM 5 Ratio Word Problems	A. \$23 for 2 pounds fish, \$11 for a pound of fish. (\$11 for 1 pound)	0	1	2	3	Total
	B. \$7 for 9 pounds of flour, \$8 for 10 pounds of flour (\$7 for 9 pounds)	0	1	2	3	/6

ITEM 6 Estimating Fraction Quotients	A. $\frac{5}{11} \div \frac{3}{4}$ (< 1)	0	1	2	3	Total
	B. $2\frac{1}{8} \div \frac{1}{4}$ (> 4)	0	1	2	3	/6

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ITEM 7 Numerical Expressions	A. $6^2 - 5 \times 2$ (26)	0	1	2	3	Total
	B. $20 - 2^3$ (12)	0	1	2	3	/6

ITEM 8 Algebraic Expressions	A. $3 + 4n + 1$ $8n$ (no)	0	1	2	3	Total
	B. $2(m + 3)$ $2m + 3$ (no)	0	1	2	3	/6

ITEM 9 Word Problems	A. Selects 1 card with justification	0	1	2	3	Total
	B. Selects both additional cards	0	1	2	3	/6

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Grade 6 Results										
Category	1	2	3	4	5	6	7	8	9	Total
Earned Points										
Possible Points	12	6	9	6	6	6	6	6	6	63
Comments:										

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Grade 6 Results				
	0 Very Below Target	1 Below Target	2 Close to Target	3 On Target
# of times student earned this score				
Comments:				