

# MeTEOR Performance Task

## Eighth Grade

Mathematics

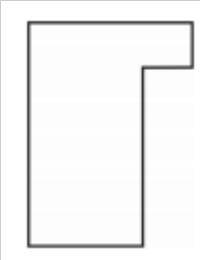
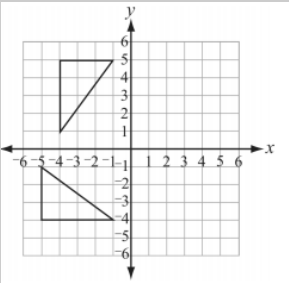
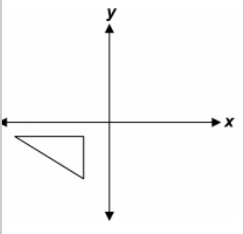
*Translations and Dilations*

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CONNECTING THE DOTS

## Complete Performance Task Scoring Rubric *Translations and Dilations*

16-21 Proficient 10-15 Good 7-9 Satisfactory 4-6 Poor 0-3 Unsatisfactory

	Depth of Knowledge Level	Points	Total Possible Points for Task	Total Points Earned by Student
<b>Task 1:</b> A. 7  B. Left	<b>1</b>	<b>1</b>  <b>1</b>	<b>2</b>	
<b>Task 2:</b> A.   B.   C. 	<b>2</b>	<b>1</b>  <b>1</b>  <b>1</b>	<b>3</b>	

<p><b>Task 3:</b></p> <p>A. Rotated 180° about the origin. Answers will vary. Students could focus on one point and details describing how it moved. Ex: Point X went from (-4,-2) to (4, 2).</p> <p>B. Answers will vary</p> <p>C. Answers will vary</p>	<b>3</b>	<b>1</b>	<b>3</b>	
<p><b>Task 4:</b></p> <p>A. Completed Diagram (Blue)</p> <div style="text-align: center; margin: 10px 0;"> </div> <p>B. <math>V(2, 10)</math>, <math>W(14, -4)</math>, <math>X(8, -6)</math>, <math>Y(-8, -6)</math>, <math>Z(-2, -4)</math> Completed Diagram Above in Red</p> <p>C. Answers will vary. Possible Explanation: VWXYZ is double in size of ABCDE.</p> <p>D. Answers will vary. Students should explain that a dilation of the original figure occurred.</p> <p>E. Answers will vary. Students need to provide an explanation using mathematical language.</p>	<b>3</b>	<b>5</b>	<b>13</b>	
<b>TOTAL POINTS:</b>				



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