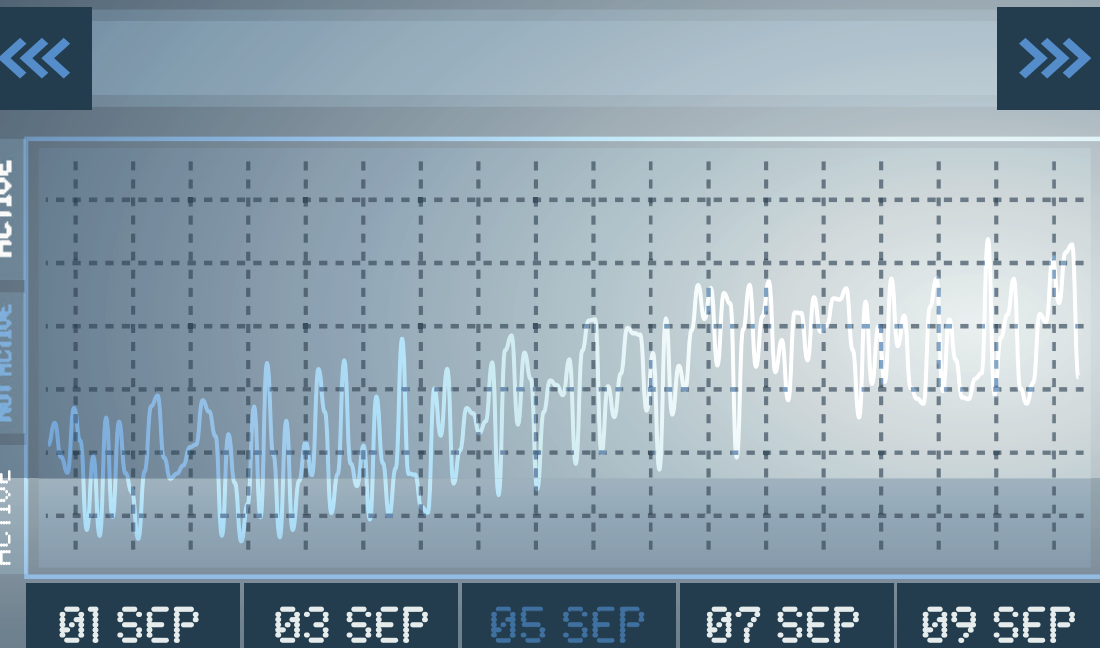


MeTEOR Performance Task

Seventh Grade

Mathematics

Constant of Proportionality



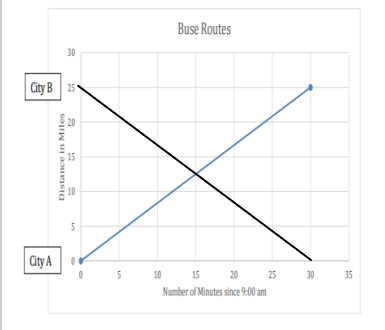
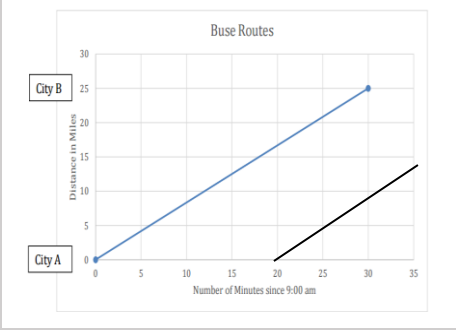
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MeTEOR
CONNECTING THE DOTS

Complete Performance Task Scoring Rubric Constant of Proportionality

19-23 Proficient 14-18 Good 9-13 Satisfactory 5-8 Poor 0-4 Unsatisfactory

	Depth of Knowledge Level	Points	Total Possible Points for Task	Total Points Earned by Student														
<p>Task 1:</p> <p>A. \$2.00</p> <p>B. \$2.10; Unit rate is \$.30; \$.30 x 7 apples is \$2.10</p> <p>C. Unit Rate is a comparison of two measurements in which one of the terms has a value of 1.</p>	1	<p>1</p> <p>1</p> <p>1</p>	3															
<p>Task 2:</p> <p>A.</p> <table border="1" style="margin-left: 20px; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="padding: 5px;">Apples</th> <th style="padding: 5px;">Cost in Cents</th> </tr> </thead> <tbody> <tr><td style="padding: 5px;">1</td><td style="padding: 5px;">30</td></tr> <tr><td style="padding: 5px;">2</td><td style="padding: 5px;">60</td></tr> <tr><td style="padding: 5px;">3</td><td style="padding: 5px;">90</td></tr> <tr><td style="padding: 5px;">4</td><td style="padding: 5px;">120</td></tr> <tr><td style="padding: 5px;">5</td><td style="padding: 5px;">150</td></tr> <tr><td style="padding: 5px;">6</td><td style="padding: 5px;">180</td></tr> </tbody> </table> <p>B. Answers will vary. Cost increases by 30 each time. Unit rate of .30 per apple.</p> <p>C. One, 30</p> <p>D. $C = .3a$</p>	Apples	Cost in Cents	1	30	2	60	3	90	4	120	5	150	6	180	2	<p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>2</p> <p>2</p>	10	
Apples	Cost in Cents																	
1	30																	
2	60																	
3	90																	
4	120																	
5	150																	
6	180																	

<p>Task 3:</p> <p>A. 25</p> <p>B. 30</p> <p>C. 50m/hr</p>	2	1 1 1	3	
<p>Task 4:</p> <p>A.</p> <div style="text-align: center;">  </div> <p>B. 15 minutes after departure. 9:15. Answers will vary. Reading the graph, using unit rate, $\frac{1}{2}$ of 30 minutes.</p> <p>C.</p> <div style="text-align: center;">  </div> <p>D. 3. Answers will vary. (The trip takes 30 minutes, and each bus is leaving 10 minutes apart, the unit rate stays consistent.)</p>	3	1 2 2 2	7	
TOTAL POINTS:				



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