

Weekly Math Mania

Date Due: Monday December 5, 2016

Topic: Proportional Reasoning (Graphs and Constant of Proportionality focus)

YOU MUST: Rate yourself on a scale of 1 to 5 on your understanding of each standard below.

1 represents "I am clueless."

5 represents "I completely understand this concept."

Learning Targets

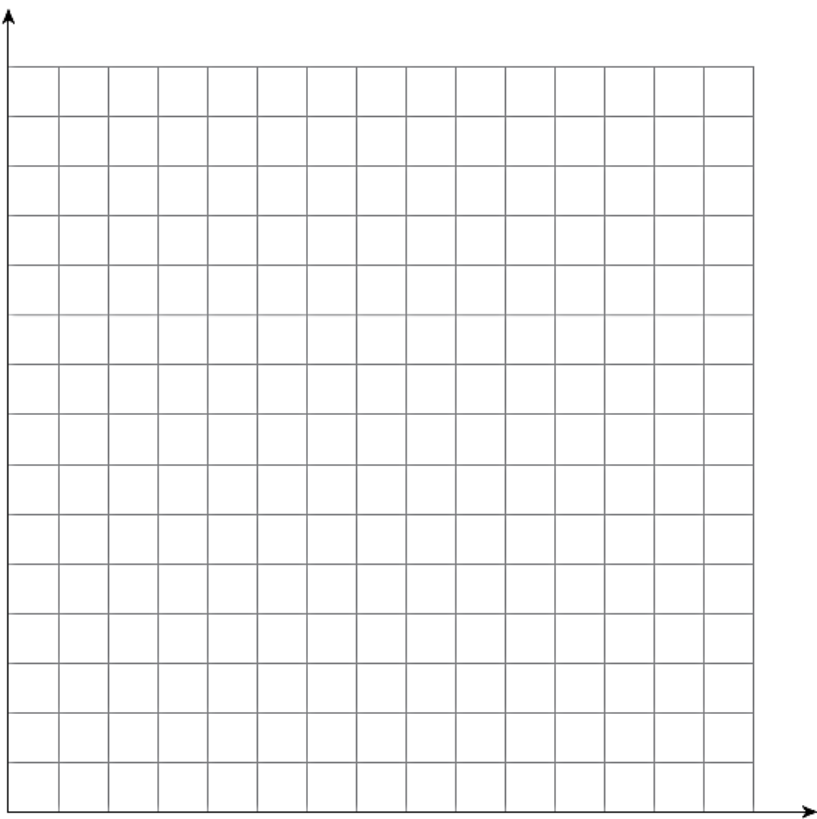
	I can identify proportional relationships in graphs.
	I can represent and identify the constant rate of change/constant of proportionality.

<p>Family Engagement</p> <ul style="list-style-type: none"> • Keep a record of the length of time you spend doing Math Mania every day for a week. (Wednesday to Wednesday) • Make a table showing the number of the days to the number of hours. • Graph your ordered pairs. • Find the rate of change from Monday to Friday. Is it a constant rate of change? Does your graph represent a proportional relationship? Explain. 	<p>Words at Work</p> <p>Constant Rate of change/Constant of proportionality</p>
<p>Independent Practice</p> <p>Page 49-50 problems 1-7 Page 69 problems 1-5 Page 85 problems 1-7</p> <p>Please tear these pages out and staple it to the packet.</p>	<p>Math in the Real World</p> <p>Complete the Inquiry Lab on pages 53-54. Go through Steps 1 and 2, and then answer questions 1-6. Please tear this page out and staple it to the packet.</p>
<p>Choose either the online activity or the textbook activity.</p>	
<p>Online Activity</p> <p>Go to the website https://learnzillion.com/assignments/ZA5QR9Q</p> <p>Go through the lesson and answer the Exit Ticket about the sodas. Attach your answer to this packet along with any notes you took.</p>	<p>Textbook Activity</p> <p>Complete the 21st Century Career in Engineering on page 89-90. Answer the two questions and the Career Project. Tear it out and staple it to this packet.</p>

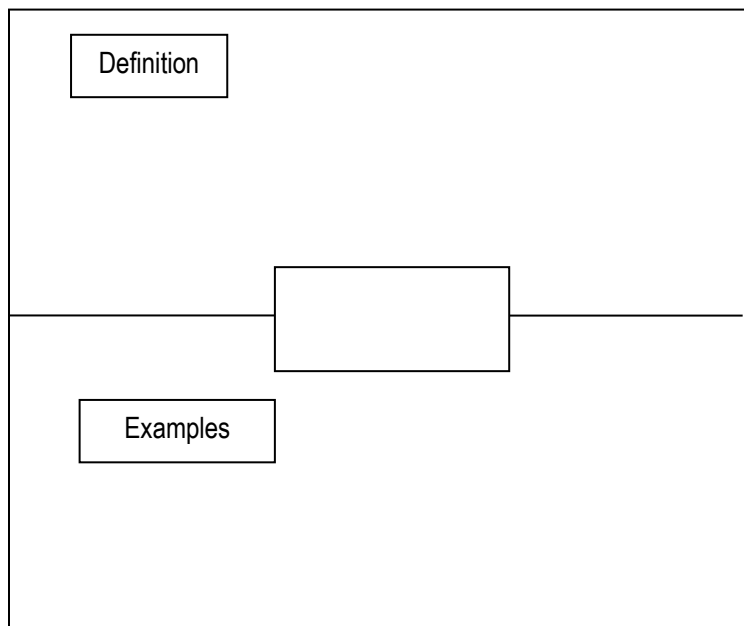
Family Engagement

PLEASE LABEL YOUR X and Y AXIS!

Please show your table, any work and the answer to this question: Find the rate of change from Monday to Friday. Is it a constant rate of change? Does your graph represent a proportional relationship? Explain.



WORDS AT WORK



Online or Textbook Activity

Please clarify which one you did before filling out this page. If you did the textbook activity, just tear out the page and staple it to this packet

(Please write out the problem, show all of your work, and box your answer. Please be neat and organized.)