

Weekly Math Mania

Date Due: Monday November 20, 2017

Topic: Complex Fractions and Unit Rates

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 express a complex fraction as a unit rate.	
<p style="text-align: center;">Family Engagement</p> <p>Ask a family member to explain what the fraction $\frac{8}{\frac{1}{5}}$ would mean in the context of the skating scenario in the Real World Link on page 17. See if they know how to write the fraction that represents the number of laps Dana can skate in 4 seconds. Write their explanation and show any work you did together on the page titled "Family Engagement"</p>	<p style="text-align: center;">Words at Work</p> <p>Please define this word in the space below</p> <p style="text-align: center;"><u>Complex Fraction:</u></p>
<p style="text-align: center;">Independent Practice</p> <p style="text-align: center;">Volume 1</p> <p style="text-align: center;">Page 21/22 problems 1-14 all</p> <p>Write your answers in the book, and then staple them to this packet.</p>	<p style="text-align: center;">Math in the Real World</p> <p>Provide work and the answer for the following question on the back of this page:</p> <p>Angel and Jayden were at track practice. The track is $\frac{2}{5}$ kilometers around.</p> <p>Angel ran 1 lap in 2 minutes.</p> <p>Jayden ran 3 laps in 5 minutes.</p> <ol style="list-style-type: none"> 1. How many minutes does it take Angel to run one kilometer? What about Jayden? 2. How far does Angel run in one minute? What about Jayden? 3. Who is running faster? Explain your reasoning.
Choose either the online activity or the textbook activity.	
<p style="text-align: center;">Online Activity</p> <p style="text-align: center;">Must do Textbook Activity</p>	<p style="text-align: center;">Textbook Activity</p> <p style="text-align: center;">Do Page MP5, Reason Abstractly and Quantitatively. You can tear the page out and staple it to the packet.</p>

MATH in the REAL WORLD

Angel and Jayden were at track practice. The track is $\frac{2}{5}$ kilometers around.

- Angel ran 1 lap in 2 minutes.
 - Jayden ran 3 laps in 5 minutes.
1. How many minutes does it take Angel to run one kilometer? What about Jayden?
 2. How far does Angel run in one minute? What about Jayden?
 3. Who is running faster? Explain your reasoning.