Aim: Test Prep (Day 9)

Topics: Ratios Involving Complex Fractions

Ms. Graves gave her class 12 minutes to read. Carrie read $\frac{5}{2}$ pages in that time. At what rate, in pages per hour, did Carrie read?

A) $\frac{1}{12}$
B) 22
C) $\frac{27}{2}$
D) 66

Oliver is training for a marathon. In practice, he runs 15 kilometers in 72 minutes. What is his speed in kilometers per hour?

Convert the time in minutes to hours to find kilometers per hour.

\[
\text{km} = 15 \\
\text{hr} = 1 \frac{1}{3} \text{ hours}
\]

Solution: Oliver runs $\frac{1}{2}$ kilometers per hour.

A restaurant uses $\frac{3}{4}$ pounds of carrots to make 6 carrot cakes. Frank wants to use the same recipe. How many pounds of carrots does Frank need to make one carrot cake?

It takes Zach 15 minutes to walk $\frac{3}{4}$ blocks to the swimming pool. At this rate, how many blocks can he walk in one minute? Circle the letter of the correct answer.

A) $\frac{1}{3}$ block
B) $\frac{1}{4}$ block
C) 2 blocks
D) 5 blocks

Activity Questions: Common Core Practice Pages 86 - 87
Summary: What is the most important part of today's lesson?

Unit Rate: Compares two quantities where one of the quantities is 1.

Complex Fraction: is a fraction where either the numerator, denominator or both are fractions.