7 RP.1   Complex Fractions and Unit Rates

Independent practice

Name _____

Date _____

1. What is the difference between a fraction and a complex fraction? Give an example of each.

2. What is a unit rate? Give an example.

Simplify:

3. $\dfrac{\frac{2}{12}}{6}$

4. $\dfrac{5}{\frac{3}{10}}$

5. $\dfrac{\frac{1}{8}}{\frac{3}{4}}$

6. $\dfrac{\frac{5}{8}}{\frac{3}{16}}$

7. $\dfrac{\frac{2}{9}}{\frac{6}{15}}$

8. Marc is wrapping presents. If he buys 3 ½ yards of wrapping paper for $16, how much does the paper cost per yard?

9. If Joanne can read 18 pages in 30 minutes, how long will it take her to read 63 pages? Explain how you got your answer.

10. A case of soda has 24 cans. If you have 1/3 of a case and need to divide it between two people, how many cans of soda will each person get? Explain your reasoning.