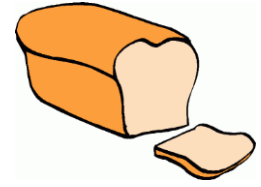


Name: _____ Date: _____

Ratios, Rates and Conversions #3

1) 24 loaves of bread cost \$48. How much do 10 loaves cost?



2) A chef can make 30 donuts in 60 minutes. What is his unit rate in donuts per minute?



2b) How many donuts can he make in 90 minutes?

2c) The chef is catering a big breakfast for a local business. They ordered 120 donuts. How many minutes will that take the chef? BONUS (how long would the time be in hours?)

3) Nora went hiking and was able to walk 30 miles in 9 hours. Her friend Michael hiked a smaller 10 mile trail and it took him 3 hours. Is Nora's pace faster, slower, or the same as Michael's, how do you know?



4) A 20 pack of chips from Wal-Mart costs \$5.98. A 50 pack of chips from Sam's club costs \$12.72. Which one is the better deal? Explain how you know.



FLIP TO BACK!

5) A pet store stocks pet food at a rate of 4 cans of dog food to 3 cans of cat food. What is the ration of dog food to cat food?



5b) If the store bought 32 cans of dog food, how many cans of cat food should it buy to maintain the ratio?



5c) How many cans of PET food does the store have in TOTAL?

6) Dwayne and Jordan in a long-distance relationship and Dwayne decided he was going to drive through the night to surprise Jordan on their anniversary. Dwayne lives in Atlanta and Jordan lives 480 miles away in New Orleans. If Dwayne averages 65 mph, how long will it take for Dwayne to get to Jordan?



6 **BONUS)** If Dwayne wants to get to Jordan by 9AM what time should he leave Atlanta so he gets there in time?