

Name _____

Date _____

Proportion Word Problems (Hard)



1. Preston drove to his new college and then back home. Round trip he traveled 212 miles. Preston drives a Honda Civic and gets 35 miles for every gallon of gas. If Preston needs to make 12 round trips a year how much will it cost him in gas? Assuming the price of gas stays at \$3.60 a gallon.

2. Oscar loves cheese burgers. He enters a 24 hour cheese burger eating contest. During the contest Oscar eats a cheese burger every 15 minutes. How many cheese burgers will he eat during the entire contest?

3. In the United Kingdom the risk of a child developing cancer is approximately 3 in 1,500. If there are approximately 11,721,722 children in Great Britain, how many have cancer? **Round your answer down.**

4. Mark leads the baseball league with a batting average of .420. He struck out 1 time for every 5 hits he got. If went to bat 500 times. How many times did he strike out?

5. A dentist sees a patient every 20 minutes? He works an average 60 hours per week. How many patients does he see in a year? He takes 3 weeks of vacation. **Round your answer down.**

Name _____

Date _____

Answer Key

1. \$261.67
2. 96 cheese burgers
3. 23,443 children
4. 42 strike outs
5. 8,820 patients