WORD PROBLEMS--RATES #1

Directions: Find the rate in each problem below. There are several ways to solve rate problems. The simplest strategy is to simply divide the data. The key is to divide the data in the correct order. If the question asks you to find the miles/hour, then you should find the quotient of the miles divided by the hours, not the hours divided by the miles.

1) John spent $36 to buy 4 basketballs. What was the price per basketball? 1) _____

2) Tracey ran 1,000 meters in 5 minutes. How many meters/minute did she run? 2) _____

3) Mike paid $68 for 4 pizzas. How much did he pay per pizza? 3) _____

4) Isabella flew 600 miles in 120 minutes. How many miles per minute did she fly? 4) _____

5) In 3 days, the temperature dropped 27 degrees. How many degrees per day did the temperature drop? 5) _____

6) Ava read 110 books in 11 months. How many books per month did she read? 6) _____

7) Jayden filled his 290 gallon pool with water in 10 hours. How many gallons per hour did he use? 7) _____

8) Addison drove 1,080 miles in 20 hours. What was her speed in miles per hour? 8) _____

9) Jackson made 252 calls in 36 days. What is the average number of calls he made in a day? 9) _____

10) Hailey’s plane climbed 4,500 feet in 90 seconds. How fast did her plane climb every second? 10) _____

11) It took Jacob 3 minutes to drive 18 laps. How many laps per minute did he run? 11) _____

12) Sophia earned $480 in 32 hours. How many dollars did she earn per hour? 12) _____

13) Aiden scored 228 points in 12 games. What is his scoring rate in points/game? 13) _____