WORD PROBLEMS--RATES #2

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) Mike bought 4 basketballs for $62. What was the price per basketball?

2) Julia ran 1,000 meters in 9 minutes. How many meters/minute did she run?

3) Jack paid $46 for 4 pizzas. How much did he pay per pizza?

4) Kaitlyn flew 630 miles in 60 minutes. How many miles per minute did she fly?

5) In 8 days, the temperature dropped 12 degrees. How many degrees per day did the temperature drop?

6) Ava read 66 books in 12 months. How many books per month did she read?

7) Connor filled his 108 gallon pool with water in 8 hours. How many gallons per hour did he use?

8) Addison drove 162 miles in 8 hours. What was her speed in miles per hour?

9) Jackson made 10 calls in 30 minutes. How many calls per minute did he make?

10) Hailey’s plane climbed 3,150 feet in 180 seconds. How fast did her plane climb?

11) It took Jacob 20 minutes to drive 8 laps. How many laps per minute did he run every second?

12) Sophia earned $588 in 48 hours. How many dollars did she earn per hour?

13) Aiden scored 370 points in 20 games. What is his scoring rate in points/game?