Name_____

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?   1) _____

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

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

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

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

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

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

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

9) Jackson made 10 calls in30 minutes. How many calls per minute did he make?   9) _____

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

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

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

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