

Name _____

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) Logan spent \$42 to buy 4 basketballs. What was the price per basketball? 1) _____
- 2) Lily ran 1,000 meters in 12 minutes. How many meters/minute did she run? 2) _____
- 3) Jack paid \$66 for 4 pizzas. How much did he pay per pizza? 3) _____
- 4) Kaitlyn flew 630 miles in 120 minutes. How many miles per minute did she fly? 4) _____
- 5) In 10 days, the temperature dropped 5 degrees. How many degrees per day did the temperature drop? 5) _____
- 6) Ava read 126 books in 12 months. How many books per month did she read? 6) _____
- 7) Connor filled his 63 gallon pool with water in 6 hours. How many gallons per hour did he use? 7) _____
- 8) Addison drove 322 miles in 8 hours. What was her speed in miles per hour? 8) _____
- 9) Jackson made 15 calls in 20 minutes. How many calls per minute did he make? 9) _____
- 10) Hailey's plane climbed 1,575 feet in 180 seconds. How fast did her plane climb every second? 10) _____
- 11) It took Jacob 20 minutes to drive 12 laps. How many laps per minute did he run? 11) _____
- 12) Sophia earned \$294 in 24 hours. How many dollars did she earn per hour? 12) _____
- 13) Aiden scored 390 points in 20 games. What is his scoring rate in points/game? 13) _____