

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) Jack bought 6 basketballs for \$72. What was the price per basketball? 1) _____
- 2) Tracey ran 1,200 meters in 5 minutes. How many meters/minute did she run? 2) _____
- 3) Mike paid \$78 for 3 pizzas. How much did he pay per pizza? 3) _____
- 4) Isabella flew 840 miles in 120 minutes. How many miles per minute did she fly? 4) _____
- 5) In 6 days, the temperature dropped 18 degrees. How many degrees per day did the temperature drop? 5) _____
- 6) Ava read 99 books in 11 months. How many books per month did she read? 6) _____
- 7) Jayden filled his 390 gallon pool with water in 10 hours. How many gallons per hour did he use? 7) _____
- 8) Addison drove 960 miles in 16 hours. What was her speed in miles per hour? 8) _____
- 9) Jackson made 396 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 50 seconds. How fast did her plane climb every second? 10) _____
- 11) It took Jacob 8 minutes to drive 48 laps. How many laps per minute did he run? 11) _____
- 12) Sophia earned \$704 in 32 hours. How many dollars did she earn per hour? 12) _____
- 13) In 12 games, Jeffrey scored 252 points. What is his scoring rate in points/game? 13) _____