

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) Lucia ate 27 cookies in 4.5 minutes. How many cookies did she eat per minute? 1) _____
- 2) Lily ran 931 meters in 12.25 minutes. How many meters/minute did she run? 2) _____
- 3) Jack paid \$5 for 2.50 pounds of apples. How much did he pay per pound? 3) _____
- 4) Kaitlyn flew 483 miles in 120.75 minutes. How many miles per minute did she fly? 4) _____
- 5) In 1.5 days, the temperature dropped 12 degrees. How many degrees per day did the temperature drop? 5) _____
- 6) Ava read 111 books in 11.1 months. How many books per month did she read? 6) _____
- 7) Connor filled his 150 gallon pool with water in 6.25 hours. How many gallons per hour did he use? 7) _____
- 8) Addison drove 204 miles in 8.5 hours. What was her speed in miles per hour? 8) _____
- 9) Jackson made 27 calls in 2.25 hour. How many calls per hour did he make? 9) _____
- 10) Hailey's plane climbed 1,804 feet in 90.2 seconds. How fast did her plane climb every second? 10) _____
- 11) It took Jacob 20.5 hours to drive 779 laps. How many laps per hour did he run? 11) _____
- 12) Sophia earned \$297 in 24.75 hours. How many dollars did she earn per hour? 12) _____
- 13) Aiden scored 85 points in 2.5 games. What is his scoring rate in points/game? 13) _____