

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) Lucia ate 18 cookies in 4.5 minutes. How many cookies did she eat per minute? 1) \_\_\_\_\_
- 2) Lily ran 980 meters in 12.25 minutes. How many meters/minute did she run? 2) \_\_\_\_\_
- 3) Jack paid \$11 for 2.75 pounds of apples. How much did he pay per pound? 3) \_\_\_\_\_
- 4) Kaitlyn flew 966 miles in 120.75 minutes. How many miles per minute did she fly? 4) \_\_\_\_\_
- 5) In 2.5 days, the temperature dropped 5 degrees. How many degrees per day did the temperature drop? 5) \_\_\_\_\_
- 6) Ava read 121 books in 12.1 months. How many books per month did she read? 6) \_\_\_\_\_
- 7) Connor filled his 75 gallon pool with water in 6.25 hours. How many gallons per hour did he use? 7) \_\_\_\_\_
- 8) Addison drove 306 miles in 8.5 hours. What was her speed in miles per hour? 8) \_\_\_\_\_
- 9) Jackson made 36 calls in 2.25 hour. How many calls per hour did he make? 9) \_\_\_\_\_
- 10) Hailey's plane climbed 1,267 feet in 90.2 seconds. How fast did her plane climb every second? 10) \_\_\_\_\_
- 11) It took Jacob 20.5 hours to drive 492 laps. How many laps per hour did he run? 11) \_\_\_\_\_
- 12) Sophia earned \$1,089 in 24.75 hours. How many dollars did she earn per hour? 12) \_\_\_\_\_
- 13) Aiden scored 55 points in 2.5 games. What is his scoring rate in points/game? 13) \_\_\_\_\_