

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) Amy ate 27.5 cookies in 5.5 minutes. How many cookies did she eat per minute? 1) \_\_\_\_\_
- 2) Mary ran 780.8 meters in 12.8 minutes. How many meters/minute did she run? 2) \_\_\_\_\_
- 3) Steve paid \$6.75 for 2.25 pounds of apples. How much did he pay per pound? 3) \_\_\_\_\_
- 4) Anna flew 785.4 miles in 112.2 minutes. How many miles per minute did she fly? 4) \_\_\_\_\_
- 5) In 3.5 days, the temperature dropped 10.5 degrees. How many degrees per day did the temperature drop? 5) \_\_\_\_\_
- 6) Ava read 93.5 books in 8.5 months. How many books per month did she read? 6) \_\_\_\_\_
- 7) Connor filled his 99.2 gallon pool with water in 12.4 hours. How many gallons per hour did he use? 7) \_\_\_\_\_
- 8) Addison drove 798.25 miles in 25.75 hours. What was her speed in miles per hour? 8) \_\_\_\_\_
- 9) Jackson graded 42.5 tests in 8.5 hours. How many tests per hour did he grade? 9) \_\_\_\_\_
- 10) Hailey's plane climbed 834.6 feet in 64.2 seconds. How fast did her plane climb every second? 10) \_\_\_\_\_
- 11) It took Jacob 21.4 hours to drive 470.8 laps. How many laps per hour did he run? 11) \_\_\_\_\_
- 12) Sophia earned \$29.25 in 3.25 hours. How many dollars did she earn per hour? 12) \_\_\_\_\_
- 13) Aiden bought 16.5 ounces of pop for \$1.98. What was the price per ounce? 13) \_\_\_\_\_