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) It took Lucy 5 minutes to eat 2.5 sandwiches. How many sandwiches did she eat per minute?

1) _____

2) Marie ran 782.4 meters in 12 minutes. How many meters/minute did she run?

2) _____

3) John paid $6.75 for 3 pounds of apples. How much did he pay per pound?

3) _____

4) Anna flew 761.6 miles in 112 minutes. How many miles per minute did she fly?

4) _____

5) In 3 days, the temperature dropped 13.5 degrees. How many degrees per day did the temperature drop?

5) _____

6) Ava read 84.5 books in 13 months. How many books per month did she read?

6) _____

7) Connor filled his 91.2 gallon pool with water in 8 hours. How many gallons per hour did he use?

7) _____

8) Addison drove 260.8 miles in 8 hours. What was her speed in miles per hour?

8) _____

9) Jackson graded 34.5 tests in 6 hours. How many tests per hour did he grade?

9) _____

10) Hailey's plane climbed 1,292.8 feet in 64 seconds. How fast did her plane climb every second?

10) _____

11) It took Jacob 21 hours to drive 477.75 laps. How many laps per hour did he run?

11) _____

12) Sophia earned $39.75 in 3 hours. How many dollars did she earn per hour?

12) _____

13) Aiden bought 12.5 ounces of chocolate for $4. What was the price per ounce?

13) _____

❀www.imathworksheets.com❀