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 Juan 6.5 minutes to eat 3.25 sandwiches. How many sandwiches did he eat per minute?

1) _____

2) Emily ran 731.6 meters in 12.4 minutes. How many meters/minute did she run?

2) _____

3) Ben paid $4.50 for 2.25 pounds of apples. How much did he pay per pound?

3) _____

4) Lucia flew 819.2 miles in 102.4 minutes. How many miles per minute did she fly?

4) _____

5) In 3.5 days, the temperature dropped 17.5 degrees. How many degrees per day did the temperature drop?

5) _____

6) Ava read 52.5 books in 7.5 months. How many books per month did she read?

6) _____

7) Connor filled his 103.2 gallon pool with water in 8.6 hours. How many gallons per hour did he use?

7) _____

8) Addison drove 682.5 miles in 22.75 hours. What was her speed in miles per hour?

8) _____

9) Jackson graded 6.5 tests in 0.5 hours. How many tests per hour did he grade?

9) _____

10) Hailey's plane climbed 1,004.7 feet in 59.1 seconds. How fast did her plane climb every second?

10) _____

11) It took Jacob 20.4 hours to drive 530.4 laps. How many laps per hour did he run?

11) _____

12) Sophia earned $48.75 in 3.25 hours. How many dollars did she earn per hour?

12) _____

13) Aiden bought 16.5 ounces of pop for $1.32. What was the price per ounce?

13) _____

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