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

---

© www.imathworksheets.com