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) Logan spent $42 to buy 4 basketballs. What was the price per basketball?  
2) Lily ran 1,000 meters in 12 minutes. How many meters/minute did she run?  
3) Jack paid $66 for 4 pizzas. How much did he pay per pizza?  
4) Kaitlyn flew 630 miles in 120 minutes. How many miles per minute did she fly?  
5) In 10 days, the temperature dropped 5 degrees. How many degrees per day did the temperature drop?  
6) Ava read 126 books in 12 months. How many books per month did she read?  
7) Connor filled his 63 gallon pool with water in 6 hours. How many gallons per hour did he use?  
8) Addison drove 322 miles in 8 hours. What was her speed in miles per hour?  
9) Jackson made 15 calls in 20 minutes. How many calls per minute did he make?  
10) Hailey’s plane climbed 1,575 feet in 180 seconds. How fast did her plane climb every second?  
11) It took Jacob 20 minutes to drive 12 laps. How many laps per minute did he run?  
12) Sophia earned $294 in 24 hours. How many dollars did she earn per hour?  
13) Aiden scored 390 points in 20 games. What is his scoring rate in points/game?