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) Jack bought 6 basketballs for $72. What was the price per basketball?  
2) Tracey ran 1,200 meters in 5 minutes. How many meters/minute did she run?  
3) Mike paid $78 for 3 pizzas. How much did he pay per pizza?  
4) Isabella flew 840 miles in 120 minutes. How many miles per minute did she fly?  
5) In 6 days, the temperature dropped 18 degrees. How many degrees per day did the temperature drop?  
6) Ava read 99 books in 11 months. How many books per month did she read?  
7) Jayden filled his 390 gallon pool with water in 10 hours. How many gallons per hour did he use?  
8) Addison drove 960 miles in 16 hours. What was her speed in miles per hour?  
9) Jackson made 396 calls in 36 days. What is the average number of calls he made in a day?  
10) Hailey’s plane climbed 4,500 feet in 50 seconds. How fast did her plane climb every second?  
11) It took Jacob 8 minutes to drive 48 laps. How many laps per minute did he run?  
12) Sophia earned $704 in 32 hours. How many dollars did she earn per hour?  
13) In 12 games, Jeffrey scored 252 points. What is his scoring rate in points/game?

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