Unit Rate   Name _____   Hour_____

Study Guide

6.RP.A.3b Solve unit rate problems

Solve the following questions using _unit rate._

1.)
1a)   Calculate the unit prices. **Show your work.**

Purchase	Price per Item (dollars)
12 eggs for $3	
6 bags of rice for $15	
30 apples for $10.50	

1b)   Using the unit prices from 1a, how much would it cost for:

Purchase	Price (dollars)
6 eggs?	
9 bags of rice?	
12 apples?	

2.)   McDonald's sells 4 nuggets for $10. Wendy's sells 5 nuggets for $12.
       Which restaurant has the better deal?   **Show your work and label your answer!**

3.)   Walmart sells an 8 ounce bag of chips for $3.60.
       Target sells the same chips in a 10 ounce bag for $4.60.
       Which store has the better deal?   **Show your work and label your answer!**

4.) A horse can run 264 miles in 6 hours. What is the horse's speed in miles per hour?

5.) A truck travels 350 miles and uses 25 gallons of fuel.
What is the truck's miles per gallon?

6.) An average heart beats 490 times in 7 minutes.
What is this rate in beats per minute?

7.) You can buy 20 ounces of cereal for $4.80. What is the price per ounce?

8.) At a bake sale, each cookie costs the same amount.
Ken buys 8 cookies for $10. Jessica buys 6 cookies.
How much does Jessica pay for her 6 cookies?