

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!**

Show your work and label your answers!

- 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?