

Name _____

Date _____

Mr. Tallman

Do Now

Identify if the following are examples of a **ratio**, **rate**, or **unit rate**. **Circle One.**

1) $\frac{2 \text{ apples}}{3 \text{ oranges}}$ Ratio Rate Unit Rate

2) $\frac{54 \text{ meters}}{2.5 \text{ hours}}$ Ratio Rate Unit Rate

3) $\frac{\$2.40}{1 \text{ pound}}$ Ratio Rate Unit Rate

4) $\frac{35 \text{ boys}}{25 \text{ girls}}$ Ratio Rate Unit Rate

5) 54 words per minute Ratio Rate Unit Rate

Lesson #22 - Unit Price and Better Buy

A **unit price** is a special kind of **unit rate** used to compare the price _____.

****UNIT PRICE IS ALWAYS ROUNDED TO THE NEAREST CENT****

\$ _____ . _____

Example 1) A Dunkin Donuts, a dozen donuts cost \$5.58. Find the unit price.

Try it!

What is the unit price of a 16 ounce box of cereal that sells for \$2.48?

Finding the Unit Price to Compare Costs (Better Buy)

The **BETTER BUY** is the option that has _____.

Example 2) A box of 12 muffins at Stop-n-Shop costs \$11. A box of 9 muffins at King Kullen costs \$8.00. Which is the better buy?

Step 1:

Find the unit price from Stop-n-Shop

Step 2:

Find the unit price from King Kullen

Step 3: Compare the two unit prices. Which is the better buy? _____

Explain: _____

Try it!

3) Which is a better buy: 10 apples for \$3.90 or 8 apples for \$2.80? Justify your answer. SHOW ALL WORK.

4) Carmine's Car Wash is offering two different coupons: 12 car washes for \$100 or 5 car washes for \$45. Which is the better coupon? Why? Show all work!

Now, You Try!

- 5) Waldbaum's has your favorite cereal on sale. They are selling a 17.5-oz box of Count Chocula for \$4.29. You notice that Stop & Shop has a 40-oz box of the same cereal on sale for \$10.80. Which is the better buy?
- 6) A midsize car can travel 200 miles on 7 gallons of gasoline. A minivan can travel 350 miles on 12 gallons. Which has the better fuel efficiency or which car gives you the most miles per gallon of gasoline? *(Round your answers to the nearest tenth.)*
- 7) Who is faster, Fred who types 1200 words in 14 minutes or Marie, who types 1500 words in 18 minutes? *(Round to the nearest whole word.)*
- 8) Johnny wants to buy some peanut butter to donate to the local food pantry. Which brand of peanut butter should he buy if he wants the best deal?

Peanut Butter Sales	
Brand	Sale Price
Nutty	12 ounces for \$2.19
Grandma's	18 ounces for \$2.79
Bee's	28 ounces for \$4.69
Save-A-Lot	40 ounces for \$6.60