

Comparing Unit Rates

1. Unit rate compares a quantity to _____.
2. Equivalent rates have the same _____.
3. Determine if each pair of rates is equivalent.

<p>\$60 for 75 cookies \$72 for 90 cookies</p>	<p>25 beats in 20 seconds 75 beats in 50 seconds</p>
--	--

4. To compare two or more rates, find the _____ of each.
5. Then, determine which is _____.
6. When you find the price per item, it is called unit _____ or unit _____.
7. When finding unit cost, the _____ is always the numerator.
8. Mrs. Cooper grades 120 math tests in 3 hours. Mrs. Parker grades 100 math tests in 2 hours. Who grades math tests at a quicker rate?

Mrs. Cooper	compare	Mrs. Parker
Rate		Rate
Unit Rate		Unit Rate

9. Betsy and Catalina start a business making bracelets. Betsy works for 8 hours and makes 20 bracelets. Catalina makes 12 bracelets in 4 hours. Who makes more bracelets per hour?

Name: _____

Date: _____

Practice: Comparing Unit Rates

#1 Determine whether each pair of rates is equivalent.

600 calories in 5 servings
1,000 calories in 8 servings

#2 Determine whether each pair of rates is equivalent.

216 students in 9 classes
384 students in 16 classes

#3 Grocery Mart has cookies on sale for \$3 for 12 cookies. Food Shoppe has cookies on sale \$5.70 for 19 cookies. Which store has a better deal on cookies?

#4 Car A gets 640 miles on 20 gallons of gas. Car B 390 miles on 13 gallons of gas. Which car gets better gas mileage?

#5 10 pounds of Cat Food A costs \$6.50. 20 pounds of Cat Food B costs \$14. Which cat food is a better deal?

#6 Machine A completes 204 tasks in 3 hours. Machine B completes 360 tasks in 5 hours. Which machine completes tasks at a faster rate?