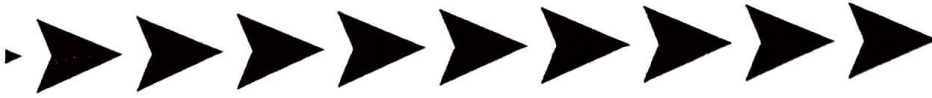


Name: _____

Date: _____



UNIT RATES

GUIDED NOTES

IMPORTANT VOCABULARY:

- **Rate:** A _____ of _____ quantities using different _____
- **Unit Rate:** A rate that compares a _____ to _____

UNIT RATES

1. Some examples of rates are:
2. Unit rates always have a denominator of _____.
3. Some examples of unit rate are:
4. To find unit rate, write the rate as a _____.
5. Using _____, write an equivalent fraction with a denominator of 1.
6. Example:

$$\frac{90 \text{ miles}}{2 \text{ hours}} = \frac{\text{miles}}{1 \text{ hour}}$$

GUIDED PRACTICE

Find the unit rate.

$$\frac{120 \text{ miles}}{3 \text{ hours}} = \underline{\hspace{2cm}}$$

Find the unit rate.

$$\frac{100 \text{ pages}}{4 \text{ hours}} = \underline{\hspace{2cm}}$$

Find the unit rate.

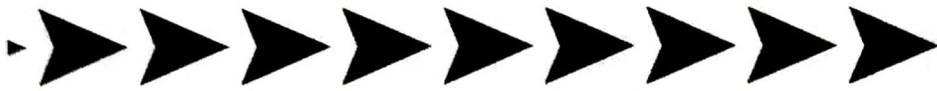
$$\frac{\$250}{5 \text{ pairs of shoes}} = \underline{\hspace{2cm}}$$

Find the unit rate.

$$\frac{6 \text{ vacations}}{3 \text{ years}} = \underline{\hspace{2cm}}$$

Name: _____

Date: _____



UNIT RATES

PRACTICE PROBLEMS

Write the unit rate for each rate. Show all work.

#1 You score 84 points in 6 games.	#2 You read 165 pages in 3 hours.
#3 Mrs. Jones spend \$15 of 12 bottles of water.	#4 Rick earns \$67.50 for working 9 hours.
#5 You make 24 cookies using 2 cups of sugar.	#6 Jennifer makes 14 bracelets in 2 hours.
#7 Mrs. Coners has 120 students in 5 math classes.	#8 Rachel has 75.6 inches of ribbon to make 12 bows.

Name: _____

Date: _____

UNIT RATES ASSESSMENT

Select the correct answer for each question.

1. Regan sold 14 necklaces and made a total of \$210. If each necklace cost the same amount, how much did one necklace cost?

- a) \$0.7
- b) \$1.50
- c) \$14
- d) \$15

2. Jared took a road trip with his dad. They drove for 8 hours. They traveled a total of 496 miles. At what rate were they traveling?

- a) 0.016 miles per hour
- b) 8 miles per hour
- c) 60 miles per hour
- d) 62 miles per hour

3. What is the missing value?

$$\frac{\$105}{6 \text{ t-shirts}} = \frac{\star}{1 \text{ t-shirt}}$$

- a) \$17.50
- b) \$18.50
- c) \$60
- d) \$630

4. What is the missing value?

$$\frac{\star}{12 \text{ books}} = \frac{\$8.25}{1 \text{ book}}$$

- a) \$0.68
- b) \$12
- c) \$42
- d) \$99

5. Jordan spends \$9.90 for 5 pounds of apples. Find the unit cost.

- a) \$1.98
- b) \$19.80
- c) \$49.50
- d) \$59.90

6. Jeremiah is purchasing food for a party. He can only purchase food items that cost less than \$2 per unit. Select all the items that Jeremiah can purchase.

- a) 6 donuts for \$7.50
- b) 12 bottles of soda for \$26.40
- c) 8 candy bars for \$16.80
- d) \$9 for 5 oranges
- e) \$33 for 20 sandwiches

Answer the question below. Be sure to show all of your work.

7. Tamica is making a fruit salad. She spends \$3.30 on 6 kiwis, \$8.40 on 3 pounds of grapes and \$8.54 for 7 bananas. Find the unit cost of each.