Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_ Hour\_\_\_\_\_\_\_\_

Unit Rates – Guided Notes

* A rate is a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_of two quantities, including their \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
* A unit rate is a rate in which one of the quantities being compared is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
* It is very important that a unit rate contains \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
* To find a unit rate you always \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
* When using a unit rate you usually \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
* The word \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ implies that you are given a rate.
* There are always\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ unit rates that can be found. Usually one will make more   
  sense than the other.

**Examples**

100 miles in 4 hours

Unit Rate #1 Unit Rate #2

What does it mean? What does it mean?

500 pencils for $10.19

Unit Rate #1 Unit Rate #2

What does it mean? What does it mean?

**Write the unit rate for each situation.**

**1.** travel 250 miles in 5 hours **2.** earn $75.20 in 8 hours

**3.** read 80 pages in 2 hours **4.** type 8,580 words in 2 hrs 45 min (\_\_\_\_\_\_\_\_\_ min)

**5.** manufacture 2,488 parts in 8 hours **6.** 50 copies of a book on 2 shelves

**7.** $30 for 6 books **8.** 24 points in 3 games

**Find each unit price. Then determine the better buy.**

**9.** paper: 100 sheets for $0.99 **10.** peanuts: 16 ounces for $1.29

500 sheets for $4.29 12 ounces for $0.95

**11.** crackers: 15 ounces for $1.79 **12.** apples: 3 pounds for $1.89

12 ounces for $1.49 5 pounds for $2.49

**13.** mechanical pencils: 4 for $1.25 **14.** bagels: 4 for $0.89

25 for $5.69 6 for $1.39