

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
500 sheets for \$4.29
10. peanuts: 16 ounces for \$1.29
12 ounces for \$0.95
11. crackers: 15 ounces for \$1.79
12 ounces for \$1.49
12. apples: 3 pounds for \$1.89
5 pounds for \$2.49
13. mechanical pencils: 4 for \$1.25
25 for \$5.69
14. bagels: 4 for \$0.89
6 for \$1.39