

MS 181

Class: _____

Name: _____

Date: _____

Unit: Ratios and Proportional Relationships

Topic: Compute unit rates associated with ratios of fractions measured in like or different units

Learning Target: I can compute unit rates with ratios of lengths and areas & other quantities measured in like units and dif. units.

Standards: CCLS: 7.RP.2a

Prepared by: Mrs. J. Mataquel

WISE SPENDING!
(Which is the Better Buy?)

Task 1: Interpreting Information Table

Directions: Complete the table about the given situation below. Use the information in the table to answer the question.

Situation: Value-Mart is advertising a Back-to-School sale on pencils. A pack of **30** sells for **\$7.98**, whereas a **12**-pack of the same brand costs **\$4.74**. Which is the better buy? Justify your answer.

	Pack of 30	Pack of 12
Relationship	\$7.98 for every 30 pencils	\$4.74 for every 12 pencils
Ratio		
Rate		
Unit rate		

Task 2: Apply the Concept

Directions: Read and solve the word problem. Show complete work.

Situation: At Tire Depot, a pair of new tires sells for \$216. The manager's special advertises the same tires selling at a rate of \$380 for 4 tires. How much do you save **per tire** if you purchase the manager's special?

Complete Work:

Answer:

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WISE SPENDING!
(Which Is The Better Choice?)

Task 1: Think and Explain

Directions: Read the situation. Then answer the question that follows.

Word Problem: Nathan's parents told him that for every **5** hours of homework or reading he completes, he will be able to play **3** hours of video games. His friend Gabby's parents told their son that he can play **10** minutes for every 15 minutes of homework or reading time he completes. If both boys need to spend the 8 hours on homework and reading this week, which boy gets more time playing video games? Explain how you found your answer.

Task 2: Apply the Concept

Directions: Read and solve the word problem. Show complete work.

Situation: Suppose that 1 euro is worth \$1.25. In Europe, a book costs 19 euros. In Los Angeles, the same book costs \$22.50. In which location is the book **less expensive**. Show complete work to justify your answer.

Complete Work:

Answer:
