LESSON WORKSHEET · GRADE 6 · 6.RP.1-6.RP.5

Ratios, Rates & Percents

Fill in each part when its number appears on the slide.

Name: _____ **Date:** _____

PART 1 · TARGET

I can use ratios, unit rates, and percents to solve real-world problems.

PART 2 · WARM-UP

1. There are 12 boys and 15 girls in a class. Write the ratio of boys to girls.

   _____

2. Which is the better buy: 3 pencils for $1.50 or 5 pencils for $2.00? Show work.

   _____

3. What is 10% of 80?

   _____

PART 3 · PREDICTION

A 12-pack of juice costs $6. A 20-pack costs $9. Which is the better deal?

Circle one: [ ] 12-pack [ ] 20-pack [ ] Same price per juice

PART 4 · VOCABULARY

Word	Meaning
Ratio	
Rate	
Unit rate	
Equivalent ratios	

PART 5 · RATIOS COMPARE

A _____ compares two quantities. _____ matters.

Check: What is the ratio of yogurt to strawberries?

Circle one: (A) 2:5 (B) 3:5 (C) 2:3 (D) 3:2

PART 6 · EQUIVALENT RATIOS

To make an _____, multiply or divide _____ parts by the same number.

Check: Strawberries 12 cups: how many cups of yogurt?

Answer: _____

PART 7 · UNIT RATES

A _____ is the amount for _____. To find it, divide.

Check: 4 smoothies cost $18. Price per smoothie?

Answer: _____ dollars

PART 8 · PERCENTS

Percent means per _____. 10% of a number is that number divided by _____.

Check: What is 25% of 80?

Answer: _____

PART 9 · WORKED EXAMPLE

Final answer from the example: _____

PART 10 · WE DO

A recipe uses 2 cups of rice for 5 people. How much rice for 20 people?

Answer: _____

PART 11 · YOU DO

A shirt costs $40 and is 15% off. How much is the discount?

Answer: _____ dollars

PART 12 · WORK TIME: THE SALE PRICE SCAM

Write each code piece as you earn it: File 1: ____ File 2: ____ File 3: ____ File 4: ____ File 5: ____

Final code: _____

PART 13 · WRAP-UP

Was your prediction in Part 3 right? One thing I learned today:

_____

_____