

Decimal Place Value & Operations

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

Name: _____ Date: _____

PART 1 · TARGET

I can compare and round decimals and add, subtract, multiply, and divide decimals using place value.

PART 2 · WARM-UP

1. Write 0.7 as a fraction and in words.

2. Which is greater: 0.5 or 0.45? Explain.

3. You buy a snack for \$1.25 and pay with \$2.00. How much change?

PART 3 · PREDICTION

Which is bigger: 0.5 or 0.45?

Circle one: ☐ 0.5 ☐ 0.45 ☐ They are equal

PART 4 · VOCABULARY

Word	Meaning
Tenths / hundredths / thousandths	
Expanded form	
Round	
Power of ten	

PART 5 · PLACE VALUE

Each place is _____ times the place to its right. $0.4 =$ _____ hundredths.

Check: In 4.382, what is the value of the 8?

Circle one: (A) 8 tenths (B) 8 ones (C) 8 thousandths (D) 8 hundredths

PART 6 · COMPARE DECIMALS

To compare decimals, line up the _____ and compare from the _____.

Check: Which is greatest?

Circle one: (A) 0.069 (B) 0.607 (C) 0.7 (D) 0.65

PART 7 • ROUND

To round, look at the digit to the _____. _____ or more rounds up.

Check: Round 7.863 to the nearest tenth.

Answer: _____

PART 8 • OPERATIONS

When adding decimals, line up the _____.

Check: $4.5 + 2.37 = ?$

Answer: _____

PART 9 • WORKED EXAMPLE

Final answer from the example: _____

PART 10 • WE DO

Solve: 3.6×0.4 .

Answer: _____

PART 11 • YOU DO

Solve: $12.5 - 4.75$

Answer: _____

PART 12 • WORK TIME: BANK VAULT BREAKOUT

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

Final code: _____

PART 13 • WRAP-UP

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