

Decimal Concepts Review Quiz

Name: _____

Date: _____

1. Decimal Place Values

- a) What is the place value of the digit 7 in the number 3.746?
- b) What is the place value of the digit 3 in the number 0.639?

2. Convert Fractions to Decimals

Convert the following fraction to a decimal:

- a) $\frac{3}{10} =$ _____
- b) $\frac{7}{100} =$ _____

3. Rounding Decimals

Round the following decimals to the nearest whole number:

- a) 5.73 = _____
- b) 2.48 = _____

4. Fill-in-the-Blank Decimal Comparison

Fill in the blank with the correct symbol ($>$, $<$, $=$):

- a) 0.56 ___ 0.65
- b) 3.72 ___ 3.27

5. Adding Decimals

Add the following decimals:

- a) $2.45 + 3.65 =$ _____
- b) $1.89 + 0.76 =$ _____

6. Subtracting Decimals

Subtract the following decimals:

- a) $6.8 - 2.45 =$ _____
- b) $9.5 - 7.25 =$ _____

7. Multiplying Decimals

Multiply the following decimals:

- a) $0.4 \times 1.2 =$ _____
- b) $2.5 \times 0.8 =$ _____

8. Dividing Decimals

Divide the following decimals:

- a) $5.6 \div 2 =$ _____
- b) $9.45 \div 1.5 =$ _____

9. Decimals and Their Equivalent Fractions

Write the following decimals as fractions in simplest form:

- a) 0.75 = _____
- b) 0.2 = _____

10. Sorting Decimals

Sort the following decimals from smallest to largest:

0.6, 0.59, 0.75, 0.61

Answer: _____

Bonus Word Problem:

11. Word Problem

A store sells a notebook for \$4.50, a pen for \$1.25, and a folder for \$2.75. If you buy 2 notebooks, 3 pens, and 4 folders, how much will the total cost be?

Answer: _____