

Grade 4 Math Worksheet: Introduction to Decimals. Difficulty Level :
Intermediate

Instructions: Solve the following problems. Be sure to show your work and write your answers in the spaces provided.

Part 1: Decimal Place Value and Value of Digits

1. What is the place value of the 7 in the number 6.734?

2. Write the following decimals in expanded form:

- 3.56 = _____

- 7.92 = _____

3. What is the value of the digit 3 in the number 9.376?

Part 2: Comparing and Ordering Decimals

4. Circle the larger decimal in each pair:

- 0.34 or 0.43

- 0.68 or 0.78

- 0.55 or 0.505

5. Put the following decimals in order from largest to smallest:

- 0.75, 0.5, 0.82, 0.65

6. Fill in the blank with the correct symbol (<, >, or =):

- 0.6 _____ 0.55

- 0.98 _____ 0.89

- 0.25 _____ 0.2

Part 3: Decimal Addition and Subtraction

7. Solve the following problems:

- $2.3 + 4.6 =$ _____

- $5.4 - 2.9 =$ _____

- $7.5 + 3.25 =$ _____

- $9.8 - 6.35 =$ _____

8. Word Problem:

Lily has \$5.50. She buys a toy for \$2.75 and a book for \$1.85. How much money does Lily have left?

Part 4: Decimal Multiplication and Division

9. Solve the following problems:

- $0.3 \times 4 =$ _____

- $0.25 \times 8 =$ _____

- $1.2 \div 3 =$ _____

- $3.6 \div 0.6 =$ _____

10. Word Problem:

A box of pencils costs \$1.25. If you buy 6 boxes, how much will it cost?

Part 5: Word Problems Involving Decimals

11. Word Problem:

A bottle contains 2.75 liters of water. If you drink 1.25 liters, how much water is left in the bottle?

12. Word Problem:

Mark is organizing a charity event. He raised \$1.25 from one donation, \$2.75 from another, and \$3.50 from a third. How much money did Mark raise in total?

Bonus Challenge

13. Challenge Problem:

A pizza costs \$8.50. If you want to buy 3 pizzas, how much will it cost in total?

This worksheet challenges grade 4 students to apply their knowledge of decimals to addition, subtraction, multiplication, and division problems. It also helps them practice real-world application of decimals through word problems!

—BE CHAMPION—