



Grade 4

Topic: Decimals to Thousandths

Instructions

Read each question carefully. Write your answers in the provided spaces.

Section A: Understanding Place Value

1. Write the place value of the underlined digit.

- (a) 4.753 = _____
- (b) 8.926 = _____
- (c) 3.401 = _____
- (d) 6.785 = _____

2. Write the following decimals in expanded form.

- (a) 5.432 = _____
- (b) 7.809 = _____
- (c) 2.056 = _____
- (d) 9.304 = _____

Section B: Comparing and Ordering Decimals

3. Compare the decimals using $>$, $<$, or $=$.

- (a) 0.789 _____ 0.798
- (b) 3.420 _____ 3.42
- (c) 5.673 _____ 5.673
- (d) 2.905 _____ 2.950

4. Arrange the following decimals in ascending order:

- (a) 0.682 , 0.728 , 0.607 , 0.653
- (b) 1.342 , 1.398 , 1.321 , 1.356

Section C: Converting and Rounding Decimals

5. Convert the following fractions to decimals.

- (a) $\frac{7}{10} =$ _____
- (b) $\frac{23}{100} =$ _____
- (c) $\frac{135}{1000} =$ _____
- (d) $\frac{9}{1000} =$ _____

6. Round the following decimals to the nearest hundredth.

- (a) $5.376 =$ _____
- (b) $8.592 =$ _____
- (c) $3.809 =$ _____
- (d) $2.145 =$ _____

Section D: Word Problems

7. A bottle of juice holds 1.245 liters of liquid. Round this amount to the nearest tenth.
8. Lily ran a race in 9.386 seconds, and Jake ran in 9.312 seconds. Who ran faster?
9. A rope is 4.785 meters long. If you cut off 0.5 meters, how long is the remaining rope?
10. A watermelon weighs 2.568 kg. Round this weight to the nearest hundredth.

Section E: Additional Exercises

11. Write the decimal form of the following mixed numbers:
 - (a) $3\frac{4}{10} =$ _____
 - (b) $2\frac{56}{100} =$ _____
 - (c) $5\frac{789}{1000} =$ _____
 - (d) $1\frac{9}{100} =$ _____
12. Solve the following decimal addition and subtraction problems:
 - (a) $4.305 + 2.498 =$ _____
 - (b) $9.765 - 3.214 =$ _____
 - (c) $7.089 + 1.902 =$ _____
 - (d) $5.678 - 2.435 =$ _____

Visit Our Website: <https://mathaversity.com/>