

Grade 4 Decimals

Worksheet Pack

Tenths • Hundredths • Place Value • Operations

Skills Covered

- Tenths and hundredths
- Decimal place value and expanded form
- Decimals as fractions
- Comparing and ordering decimals
- Adding and subtracting decimals
- Rounding decimals
- Decimal reasoning and word problems

Name: _____

Date: _____

Teacher / Class: _____

Worksheet 1 • Understanding Decimals

Grade 4 Mathematics

A. Decimal Place Value

Ones	Tenths	Hundredths	Thousandths
3	4	5	0
7	2	8	0
1	0	6	5

1. What is the value of the 4 in 3.45? _____
2. What is the value of the 8 in 7.28? _____
3. Write 0.65 in words: _____
4. Write 4 tenths as a decimal: _____

B. Decimals as Fractions

$0.3 = \frac{\quad}{10}$

$0.7 = \frac{\quad}{10}$

$0.25 = \frac{\quad}{100}$

$0.48 = \frac{\quad}{100}$

$0.9 = \frac{\quad}{10}$

$0.62 = \frac{\quad}{100}$

Worksheet 2 • Expanded Form & Comparing

Grade 4 Mathematics

A. Expanded Form

1. $3.45 =$ _____

2. $7.28 =$ _____

3. $5.06 =$ _____

4. $9.31 =$ _____

5. $4.72 =$ _____

6. $8.09 =$ _____

B. Compare using $<$, $>$ or $=$

1. 0.4 ____ 0.7

2. 0.25 ____ 0.2

3. 0.65 ____ 0.56

4. 0.8 ____ 0.80

5. 0.39 ____ 0.4

6. 0.72 ____ 0.27

Worksheet 3 • Ordering & Number Lines

Grade 4 Mathematics

A. Order from Smallest to Largest

1. 0.4, 0.2, 0.7: _____

2. 0.35, 0.53, 0.25: _____

3. 0.8, 0.18, 0.6: _____

4. 0.45, 0.5, 0.05: _____

5. 0.72, 0.27, 0.62: _____

B. Decimal Number Line

Place 0.2, 0.5 and 0.8 on the number line.



Which decimal is halfway between 0.4 and 0.6? _____

Which is closer to 1: 0.91 or 0.79? _____

Worksheet 4 • Rounding Decimals

Grade 4 Mathematics

A. Round to the Nearest Tenth

1. 0.34 → _____

2. 0.67 → _____

3. 1.25 → _____

4. 2.83 → _____

5. 4.46 → _____

6. 5.95 → _____

B. Round to the Nearest Whole Number

1. 0.4 → _____

2. 0.7 → _____

3. 1.3 → _____

4. 2.8 → _____

5. 4.2 → _____

6. 6.6 → _____

Worksheet 5 • Add & Subtract Decimals

Grade 4 Mathematics

A. Add

$2.35 + 1.24 = \underline{\hspace{2cm}}$

$4.6 + 2.35 = \underline{\hspace{2cm}}$

$0.75 + 1.18 = \underline{\hspace{2cm}}$

$3.42 + 2.57 = \underline{\hspace{2cm}}$

$5.08 + 0.92 = \underline{\hspace{2cm}}$

$7.5 + 1.25 = \underline{\hspace{2cm}}$

B. Subtract

$4.85 - 2.31 = \underline{\hspace{2cm}}$

$7.5 - 3.25 = \underline{\hspace{2cm}}$

$6.42 - 1.18 = \underline{\hspace{2cm}}$

$9.00 - 4.75 = \underline{\hspace{2cm}}$

$5.63 - 2.09 = \underline{\hspace{2cm}}$

$8.2 - 1.45 = \underline{\hspace{2cm}}$

C. Remember

Line up the decimal points before adding or subtracting.

0.5 = 0.50, so zeros may be added when needed.

Worksheet 6 • Missing Numbers & True/False

Grade 4 Mathematics

A. Find the Missing Number

1. $0.4 + \blacksquare = 0.9$

2. $\blacksquare + 0.25 = 0.75$

3. $1.0 - \blacksquare = 0.35$

4. $\blacksquare - 0.2 = 0.65$

5. $0.45 + \blacksquare = 1.00$

6. $2.5 - \blacksquare = 1.75$

B. True or False

1. $0.6 = 0.60$

2. $0.4 > 0.35$

3. $0.25 = 25/100$

4. $0.7 < 0.65$

5. $1.2 = 1.20$

6. $0.09 > 0.9$

Worksheet 7 • Decimal Word Problems & Challenge

Grade 4 Mathematics

A. Solve

1. A ribbon is 2.75 m long. 1.25 m is used. How much remains?

2. Riya buys a pencil for \$1.25 and a notebook for \$2.75. What is the total cost?

3. A bottle holds 1.5 L. Another holds 0.75 L. How much liquid altogether?

4. A runner completes 3.6 km on Monday and 2.45 km on Tuesday. How far in total?

5. A shop has 5.00 kg of rice and sells 2.35 kg. How much remains?

B. Challenge

6. Write a decimal between 0.4 and 0.5: _____

7. Which is greater: 2.09 or 2.9? Explain: _____

8. Write 3.07 in expanded form: _____

Answer Key • Grade 4 Decimals

Grade 4 Mathematics

Worksheet 1

- | | |
|--------------------------|----------------------|
| 1. 4 tenths | 6. $\frac{7}{10}$ |
| 2. 8 hundredths | 7. $\frac{25}{100}$ |
| 3. sixty-five hundredths | 8. $\frac{48}{100}$ |
| 4. 0.4 | 9. $\frac{9}{10}$ |
| 5. $\frac{3}{10}$ | 10. $\frac{62}{100}$ |

Worksheet 2

- | | |
|-----------------|---------|
| 1. $3+0.4+0.05$ | 7. $<$ |
| 2. $7+0.2+0.08$ | 8. $>$ |
| 3. $5+0.06$ | 9. $>$ |
| 4. $9+0.3+0.01$ | 10. $=$ |
| 5. $4+0.7+0.02$ | 11. $<$ |
| 6. $8+0.09$ | 12. $>$ |

Worksheet 3

- | | |
|---------------------|---------------------|
| 1. 0.2, 0.4, 0.7 | 5. 0.27, 0.62, 0.72 |
| 2. 0.25, 0.35, 0.53 | 6. 0.5 |
| 3. 0.18, 0.6, 0.8 | 7. 0.91 |
| 4. 0.05, 0.45, 0.5 | |

Worksheet 4

- | | |
|--------|-------|
| 1. 0.3 | 7. 0 |
| 2. 0.7 | 8. 1 |
| 3. 1.3 | 9. 1 |
| 4. 2.8 | 10. 3 |
| 5. 4.5 | 11. 4 |
| 6. 6.0 | 12. 7 |

Worksheet 5

- | | |
|---------|----------|
| 1. 3.59 | 7. 2.54 |
| 2. 6.95 | 8. 4.25 |
| 3. 1.93 | 9. 5.24 |
| 4. 5.99 | 10. 4.25 |
| 5. 6.00 | 11. 3.54 |
| 6. 8.75 | 12. 6.75 |

Worksheet 6

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|---------|-----------|
| 1. 0.5 | 7. True |
| 2. 0.5 | 8. True |
| 3. 0.65 | 9. True |
| 4. 0.85 | 10. False |
| 5. 0.55 | 11. True |
| 6. 0.75 | 12. False |

Worksheet 7

- | | |
|------------|-----------------------------|
| 1. 1.50 m | 5. 2.65 kg |
| 2. \$4.00 | 6. Answers vary (e.g. 0.45) |
| 3. 2.25 L | 7. 2.9 |
| 4. 6.05 km | 8. $3+0.07$ |