

Decimals

Fractions, Decimals & % · Grade 5

Score: _____ / 10

★ Hard · 10 Questions

Solve each problem. Show your work in the space provided. Write your answer on the line.

1. $3.6 \times 2.4 = \underline{\hspace{2cm}}$

Answer: _____

2. $7.2 \div 0.9 = \underline{\hspace{2cm}}$

Answer: _____

3. $0.25 \times 0.4 = \underline{\hspace{2cm}}$

Answer: _____

4. $4.5 \div 0.5 = \underline{\hspace{2cm}}$

Answer: _____

5. $5.28 \div 0.4 = \underline{\hspace{2cm}}$

Answer: _____

6. $1.25 \times 3.2 = \underline{\hspace{2cm}}$

Answer: _____

7. Evaluate: $3.5 + 2.1 \times 4 - 1.8$

Answer: _____

8. $6.3 \div 0.07 = \underline{\hspace{2cm}}$

Answer: _____

9. $0.002 \times 500 = \underline{\hspace{2cm}}$

Answer: _____

10. Estimate, then calculate: $4.87 + 2.94 + 1.08$

Answer: _____

Answer Key

Decimals — Hard

1. **8.64**

$36 \times 24 = 864$. Two decimal places total: 8.64.

2. **8**

Multiply both by 10: $72 \div 9 = 8$.

3. **0.1**

$25 \times 4 = 100$. Four decimal places: $0.0100 = 0.10 = 0.1$.

4. **9**

Multiply both by 10: $45 \div 5 = 9$.

5. **13.2**

Multiply both by 10: $52.8 \div 4 = 13.2$.

6. **4.0**

$125 \times 32 = 4,000$. Three decimal places: $4.000 = 4.0$.

7. **10.1**

Order of operations: multiply first: $2.1 \times 4 = 8.4$. Then: $3.5 + 8.4 - 1.8 = 10.1$.

8. **90**

Multiply both by 100: $630 \div 7 = 90$.

9. **1.0**

$2 \times 500 = 1,000$. Three decimal places: $1.000 = 1.0$.

10. **Estimate: $5+3+1=9$. Exact: 8.89**

Round: $4.87 \approx 5$, $2.94 \approx 3$, $1.08 \approx 1$. Estimate: 9. Exact: $4.87 + 2.94 = 7.81 + 1.08 = 8.89$.