

Unit 5: Place Value Patterns and Decimal Operations

ADVANCED • SET 2

Name: _____ Date: _____

Show all your work. Write each answer as an exact decimal (or whole number). Remember order of operations, and be careful lining up place value.

1. Find the product: 4.7×10^3

Answer: _____

3. Find the value of 0.006×10^4

Answer: _____

5. Divide: $24.6 \div 0.06$

Answer: _____

7. Working left to right, evaluate: $7.2 - 3.85 + 1.6$

Answer: _____

9. Divide 5.4 by 0.9, then add 2.75 to the quotient:
 $(5.4 \div 0.9) + 2.75$

Answer: _____

11. Evaluate: $6.25 \times 8 \div 0.5$

Answer: _____

2. Evaluate: $(18.4 - 6.75) \div 0.5$

Answer: _____

4. First add 3.6 and 0.45, then multiply the sum by 100: $(3.6 + 0.45) \times 100$

Answer: _____

6. Divide: $9.72 \div 0.4$

Answer: _____

8. Evaluate: $0.75 \times 0.6 \times 10^2$

Answer: _____

10. Subtract: $100.5 - 47.68$

Answer: _____

12. Find the product of three factors: $2.5 \times 2.5 \times 2.5$

Answer: _____