

Unit 5: Arithmetic in Base Ten

ADVANCED · SET 2

Name: _____ Date: _____

Solve each problem using the standard algorithms. Follow the order of operations, work carefully with the decimal points, and write each answer as an exact value.

1. Divide: $48.6 \div 0.24$

Answer: _____

2. Evaluate: $3.75 \times 2.4 + 18.9 \div 0.35$

Answer: _____

3. Evaluate: $125.4 - 6.875 \times 8$

Answer: _____

4. Multiply: 0.084×0.075

Answer: _____

5. Divide: $56.7 \div 0.045$

Answer: _____

6. Evaluate: $(14.28 + 9.72) \div 0.15$

Answer: _____

7. Evaluate: $9.6 \times 0.85 - 2.34$

Answer: _____

8. Divide and round to the nearest hundredth: $203.58 \div 4.2$

Answer: _____

9. Evaluate: $0.625 \times 0.48 + 0.7 \times 1.2$

Answer: _____

10. Evaluate: $100 - 37.45 - 22.8 - 6.9$

Answer: _____

11. Multiply: $7.5 \times 3.6 \times 0.4$

Answer: _____

12. Evaluate: $(45.6 - 12.75) \div 0.25$

Answer: _____