

Unit 5: Arithmetic in Base Ten

ADVANCED

Name: _____ Date: _____

Solve each problem using the standard algorithm. Show your work on scratch paper and write your final answer on the line.

1. Compute: $384.76 + 59.8 + 6.045$

Answer: _____

2. Subtract: $500.4 - 287.63$

Answer: _____

3. Multiply: 4.06×3.5

Answer: _____

4. Divide: $91.14 \div 6.2$

Answer: _____

5. Evaluate: $12.5 \times 0.08 + 3.6$

Answer: _____

6. A runner buys 3 items costing \$14.75, \$8.09, and \$22.50. She pays with \$50. How much change does she receive?

Answer: _____

7. Divide: $0.6789 \div 0.03$

Answer: _____

8. Evaluate: $(18.4 - 5.75) \div 2.5$

Answer: _____

9. A wire 47.6 meters long is cut into pieces each 0.85 meters long. How many whole pieces can be cut?

Answer: _____

10. Compute: $7.25 \times 4.8 - 19.6 \div 0.5$

Answer: _____

11. Multiply: 0.125×0.048

Answer: _____

12. Ana earns \$13.50 per hour. In one week she works 37.5 hours and pays \$84.35 in taxes. What is her take-home pay?

Answer: _____