

Name _____

Multiply Decimals



COMMON CORE STANDARD—6.NS.B.3
 Compute fluently with multi-digit numbers
 and find common factors and multiples.

Estimate. Then find the product.

1. 5.69×7.8

2. 3.92×0.051

3. 2.365×12.4

4. 305.08×1.5

$8 \times 5 = 40$

$$\begin{array}{r} 5.69 \\ \times 7.8 \\ \hline 4552 \\ 39830 \\ \hline 44382 \end{array}$$

Evaluate the expression using the order of operations.

5. $(61.8 \times 1.7) + 9.5$

6. $205 - (35.80 \times 5.6)$

7. $1.9 \times (10.6 - 2.17)$

Problem Solving



8. Blaine exchanges \$100 for yen before going to Japan. If each U.S. dollar is worth 88.353 yen, how many yen should Blaine receive?

9. A camera costs 115 Canadian dollars. If each Canadian dollar is worth 0.952 U.S. dollars, how much will the camera cost in U.S. dollars?

10. **WRITE** *Math* Explain how to mentally multiply a decimal number by 100.