

**3.3****Practice**

For use after Lesson 3.3

**Multiply. Use estimation to check your product.**

1. 
$$\begin{array}{r} 0.8 \\ \times 0.6 \\ \hline \end{array}$$

2. 
$$\begin{array}{r} 0.003 \\ \times 0.09 \\ \hline \end{array}$$

3. 
$$\begin{array}{r} 8.91 \\ \times 1.26 \\ \hline \end{array}$$

**Evaluate the expression when  $a = 4.8$ ,  $b = 0.015$ , and  $c = 7.23$ .**

4.  $ab$

5.  $2.19c + 5.7$

6.  $5.48a - 1.57$

**Convert the fractions or mixed numbers to decimals. Then multiply.**

7.  $\frac{1}{8} \times \frac{3}{10}$

8.  $\frac{17}{25} \times \frac{5}{16}$

9.  $2\frac{31}{80} \times 4\frac{1}{2}$

10. You earn \$7.80 an hour working as a dog sitter. You work 12.5 hours during the weekend. How much money do you make?

11. You buy a pair of shoes for \$35.72 plus tax. The sales tax is found by multiplying the cost of the shoes by 0.06. What is the total cost of your purchase?