

## Independent Practice

Multiply. Check for reasonableness.

$$\begin{array}{r} 3. \quad 313 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 819 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad \$781 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 238 \\ \times 4 \\ \hline \end{array}$$

$$7. \quad 7 \times \$460 = \underline{\hspace{2cm}}$$

$$8. \quad 7 \times 561 = \underline{\hspace{2cm}}$$

$$9. \quad 8 \times 6,328 = \underline{\hspace{2cm}}$$

$$10. \quad 9 \times \$5,679 = \underline{\hspace{2cm}}$$

**Algebra** Find each unknown number.

$$11. \quad 8 \times 7,338 = x \quad 12. \quad 7 \times 8,469 = y \quad 13. \quad 9 \times \$9,927 = t \quad 14. \quad 9 \times 8,586 = u$$

$$x = \underline{\hspace{2cm}}$$

$$y = \underline{\hspace{2cm}}$$

$$t = \underline{\hspace{2cm}}$$

$$u = \underline{\hspace{2cm}}$$

**Algebra** Find each product if  $n = 8$ .

$$15. \quad n \times 295 = \underline{\hspace{2cm}} \quad 16. \quad 737 \times n = \underline{\hspace{2cm}} \quad 17. \quad n \times \$2,735 = \underline{\hspace{2cm}}$$

Compare. Use  $>$ ,  $<$ , or  $=$ .

$$18. \quad 4 \times 198 \bigcirc 3 \times 248$$

$$19. \quad 7 \times 385 \bigcirc 6 \times 457$$



## Problem Solving

20. Mr. Gibbons buys 8 cases of seeds at the school plant sale. If there are 144 packages of seeds in each case, how many packages of seeds has he bought?

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21. On average, 1,668 gallons of water are used daily by each person in the United States. How much water is used by one person in a week?

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22. Each set of furniture costs \$2,419. How much would it cost to buy 5 sets of furniture?

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### HOT Problems

23. **Mathematical PRACTICE 1** **Keep Trying** Complete the equation.

$$\square, 287 \times 6 = 25, \square 2 \square$$

24. **Mathematical PRACTICE 7** **Identify Structure** Write a four-digit number and a one-digit number whose product is greater than 6,000 and less than 6,200.

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25. **?** **Building on the Essential Question** How is multiplying by multi-digit numbers similar to multiplying by two-digit numbers?

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My Work!

