

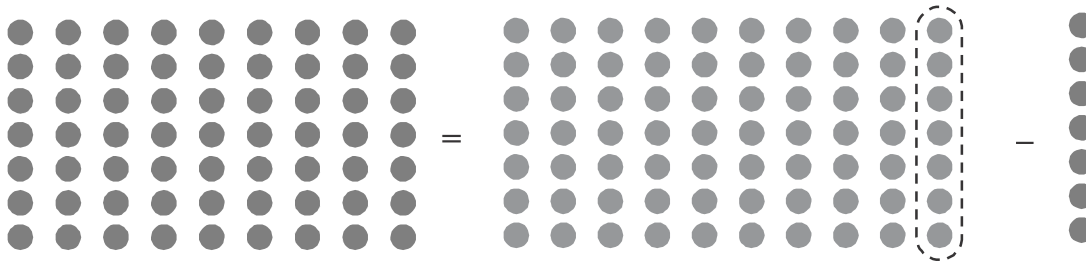
Lesson 5 Reteach

Multiply by 9

Here is a strategy you can use when multiplying by 9.

You can multiply the number by 10 and then subtract the number to find a new fact.

Find 7×9 .



$$\begin{array}{rclcl}
 7 \text{ groups of } 9 & = & 7 \text{ groups of } 10 & \text{minus} & 1 \text{ group of } 7 \\
 7 \times 9 & = & 7 \times 10 & - & 1 \times 7 \\
 & = & 70 & - & 7 \\
 & = & 63 & & \\
 & & \text{So, } 7 \times 9 = 63. & &
 \end{array}$$

Multiply. Use models or a known fact if needed.

1. $\begin{array}{r} 9 \\ \times 4 \\ \hline \end{array}$

2. $\begin{array}{r} 9 \\ \times 5 \\ \hline \end{array}$

3. $\begin{array}{r} 3 \\ \times 9 \\ \hline \end{array}$

4. $\begin{array}{r} 9 \\ \times 7 \\ \hline \end{array}$

5. $\begin{array}{r} 9 \\ \times 8 \\ \hline \end{array}$

6. $\begin{array}{r} 6 \\ \times 9 \\ \hline \end{array}$

7. $9 \times 2 =$ _____

8. $5 \times 9 =$ _____

9. $9 \times 4 =$ _____

10. $6 \times 9 =$ _____

11. $9 \times 3 =$ _____

12. $9 \times 1 =$ _____

13. $9 \times 9 =$ _____

14. $9 \times 0 =$ _____

15. $9 \times 11 =$ _____

16. $2 \times 9 =$ _____

17. $10 \times 9 =$ _____

18. $3 \times 9 =$ _____