

Recall Your Multiplication Facts.

Find the product.

$$\begin{array}{r} 2 \\ \times 6 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 2 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 8 \\ \hline \end{array}$$

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

$$\begin{array}{r} 3 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 8 \\ \hline \end{array}$$

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

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

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

$$\begin{array}{r} 4 \\ \times 8 \\ \hline \end{array}$$

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

$$\begin{array}{r} 5 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 7 \\ \hline \end{array}$$

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

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

$$\begin{array}{r} 6 \\ \times 5 \\ \hline \end{array}$$

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

$$\begin{array}{r} 6 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 8 \\ \hline \end{array}$$

Distributive Property

Fill in the blanks.

1

$$\begin{aligned}
 6 \times 7 &= 6 \times 5 + 6 \times 2 \\
 &= 30 + 12 \\
 &= 42
 \end{aligned}$$

2

$$\begin{aligned}
 8 \times 8 &= 8 \times 5 + 8 \times 3 \\
 &= \quad + \quad \\
 &= \quad
 \end{aligned}$$

3

$$\begin{aligned}
 9 \times 5 &= \quad + 9 \times 3 \\
 &= \quad + \quad \\
 &= \quad
 \end{aligned}$$

4

$$\begin{aligned}
 7 \times 8 &= \quad + \quad \\
 &= \quad + \quad \\
 &= \quad
 \end{aligned}$$

5

$$\begin{aligned}
 8 \times 9 &= \quad + \quad \\
 &= \quad + \quad \\
 &= \quad
 \end{aligned}$$

6

$$\begin{aligned}
 6 \times 9 &= \quad + \quad \\
 &= \quad + \quad \\
 &= \quad
 \end{aligned}$$

Solutions

Recall Your Multiplication Facts.

Find the product.

$$\begin{array}{r} 2 \\ \times 6 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 2 \\ \times 7 \\ \hline 14 \end{array}$$

$$\begin{array}{r} 2 \\ \times 8 \\ \hline 16 \end{array}$$

$$\begin{array}{r} 2 \\ \times 9 \\ \hline 18 \end{array}$$

$$\begin{array}{r} 3 \\ \times 6 \\ \hline 18 \end{array}$$

$$\begin{array}{r} 3 \\ \times 7 \\ \hline 21 \end{array}$$

$$\begin{array}{r} 3 \\ \times 8 \\ \hline 24 \end{array}$$

$$\begin{array}{r} 3 \\ \times 9 \\ \hline 27 \end{array}$$

$$\begin{array}{r} 4 \\ \times 6 \\ \hline 24 \end{array}$$

$$\begin{array}{r} 4 \\ \times 7 \\ \hline 28 \end{array}$$

$$\begin{array}{r} 4 \\ \times 8 \\ \hline 32 \end{array}$$

$$\begin{array}{r} 4 \\ \times 9 \\ \hline 36 \end{array}$$

$$\begin{array}{r} 5 \\ \times 6 \\ \hline 30 \end{array}$$

$$\begin{array}{r} 5 \\ \times 7 \\ \hline 35 \end{array}$$

$$\begin{array}{r} 5 \\ \times 8 \\ \hline 40 \end{array}$$

$$\begin{array}{r} 5 \\ \times 9 \\ \hline 45 \end{array}$$

$$\begin{array}{r} 6 \\ \times 5 \\ \hline 30 \end{array}$$

$$\begin{array}{r} 6 \\ \times 6 \\ \hline 36 \end{array}$$

$$\begin{array}{r} 6 \\ \times 7 \\ \hline 42 \end{array}$$

$$\begin{array}{r} 6 \\ \times 8 \\ \hline 48 \end{array}$$

Distributive Property

2. $40 + 24 = 64$

3. $\begin{array}{r} 9 \times \\ 2 \end{array} + \begin{array}{r} 9 \times \\ 3 \end{array}$
 $\begin{array}{r} 18 \\ + \\ 27 \\ \hline 45 \end{array}$

4. $\begin{array}{r} 7 \times \\ 5 \end{array} + \begin{array}{r} 7 \times \\ 3 \end{array}$
 $\begin{array}{r} 35 \\ + \\ 21 \\ \hline 56 \end{array}$

5. $\begin{array}{r} 8 \times \\ 5 \end{array} + \begin{array}{r} 8 \times \\ 4 \end{array}$
 $\begin{array}{r} 40 \\ + \\ 32 \\ \hline 72 \end{array}$

6. $\begin{array}{r} 6 \times \\ 5 \end{array} + \begin{array}{r} 6 \times \\ 4 \end{array}$
 $\begin{array}{r} 30 \\ + \\ 24 \\ \hline 54 \end{array}$