

## Multiplying With 7, 8, 9 (L)

Note: The second factor has a range of 1 to 9.

$$\begin{array}{r} 5 & 8 & 7 & 2 & 9 & 9 & 9 & 9 & 7 & 9 \\ \times 7 & \times 9 & \times 6 & \times 9 & \times 5 & \times 9 & \times 7 & \times 9 & \times 5 & \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 9 \\ \hline x \end{array} \quad \begin{array}{r} 8 \\ \times 8 \\ \hline x \end{array} \quad \begin{array}{r} 2 \\ \times 8 \\ \hline x \end{array} \quad \begin{array}{r} 5 \\ \times 9 \\ \hline x \end{array} \quad \begin{array}{r} 7 \\ \times 3 \\ \hline x \end{array} \quad \begin{array}{r} 7 \\ \times 3 \\ \hline x \end{array} \quad \begin{array}{r} 8 \\ \times 7 \\ \hline x \end{array} \quad \begin{array}{r} 3 \\ \times 7 \\ \hline x \end{array} \quad \begin{array}{r} 9 \\ \times 9 \\ \hline x \end{array} \quad \begin{array}{r} 7 \\ \times 5 \\ \hline x \end{array}$$

$$\begin{array}{cccccccccccccc} 9 & 9 & 8 & 8 & 8 & 1 & 4 & 5 & 7 & 7 \\ \times 9 & \times 9 & \times 5 & \times 8 & \times 9 & \times 8 & \times 9 & \times 9 & \times 5 & \times 1 \end{array}$$

$$\begin{array}{cccccccccccccc} 7 & 9 & 5 & 8 & 7 & 4 & 6 & 8 & 9 & 9 & 1 & 9 \\ \times 3 & \times 8 & \times 7 & \times 7 & \times 4 & \times 6 & \times 9 & \times 9 & \times 6 & \times 9 & \times 9 & \times 1 \end{array}$$

$$\begin{array}{cccccccccccccc}
 4 & & 3 & & 7 & & 8 & & 9 & & 8 & & 9 & & 7 & & 9 & \\
 \times & 7 & & \times & 8 & & \times & 7 & & \times & 3 & & \times & 4 & & \times & 6 & & \times & 7 & & \times & 3 & & \times & 2 & & \times & 7
 \end{array}$$

$$\begin{array}{cccccccccccccc} 3 & 3 & 3 & 5 & 8 & 2 & 5 & 6 & 6 & 6 \\ \times 7 & \times 8 & \times 7 & \times 8 & \times 9 & \times 7 & \times 7 & \times 7 & \times 8 & \times 8 \end{array}$$

$$x^8 \quad x^6 \quad x^1 \quad x^7 \quad x^1 \quad x^9 \quad x^4 \quad x^7 \quad x^8 \quad x^2 \quad x^9 \quad x^7 \quad x^6$$

$$\begin{array}{cccccccccccccc} 4 & & 5 & & 9 & & 8 & & 7 & & 8 & & 9 & & 8 & & 3 & & 9 \\ \times & 7 & \times & 9 & \times & 2 & \times & 6 & \times & 8 & \times & 8 & \times & 6 & \times & 7 & \times & 9 & \times & 5 \end{array}$$

8      7      8      9      4      9      7      6      9  
x 7    x 4    x 5    x 8    x 9    x 6    x 2    x 8    x 3    x 1

9 8 9 8 9 5 9 9 8 8 4 7  
x 1 x 2 x 9 x 9 x 5 x 9 x 9 x 7 x 7 x 8 x 6

## Multiplying With 7, 8, 9 (L) Answers

$$\begin{array}{r} 5 & 8 & 7 & 2 & 9 & 9 & 9 & 9 & 7 & 9 \\ \times 7 & \times 9 & \times 6 & \times 9 & \times 5 & \times 9 & \times 7 & \times 9 & \times 5 & \times 4 \\ \hline 35 & 72 & 42 & 18 & 45 & 81 & 63 & 81 & 35 & 36 \end{array}$$

$$\begin{array}{r} 7 \\ \times 9 \\ \hline 63 \end{array} \quad \begin{array}{r} 8 \\ \times 8 \\ \hline 64 \end{array} \quad \begin{array}{r} 2 \\ \times 8 \\ \hline 16 \end{array} \quad \begin{array}{r} 5 \\ \times 9 \\ \hline 45 \end{array} \quad \begin{array}{r} 7 \\ \times 3 \\ \hline 21 \end{array} \quad \begin{array}{r} 7 \\ \times 3 \\ \hline 21 \end{array} \quad \begin{array}{r} 8 \\ \times 7 \\ \hline 56 \end{array} \quad \begin{array}{r} 3 \\ \times 7 \\ \hline 21 \end{array} \quad \begin{array}{r} 9 \\ \times 9 \\ \hline 81 \end{array} \quad \begin{array}{r} 7 \\ \times 5 \\ \hline 35 \end{array}$$

$$\begin{array}{r} 9 & & 9 & & 8 & & 8 & & 8 & & 1 & & 4 & & 5 & & 7 & & 7 \\ \times 9 & \times 9 & \times 5 & \times 8 & \times 9 & \times 8 & \times 9 & \times 8 & \times 9 & \times 9 & \times 9 & \times 5 & \times 9 & \times 5 & \times 7 & \times 1 \\ \hline 81 & 81 & 40 & 64 & 72 & 8 & 36 & 45 & 35 & 7 \end{array}$$

$$\begin{array}{r} 7 \\ \times 3 \\ \hline 21 \end{array} \quad \begin{array}{r} 9 \\ \times 8 \\ \hline 72 \end{array} \quad \begin{array}{r} 5 \\ \times 7 \\ \hline 35 \end{array} \quad \begin{array}{r} 8 \\ \times 7 \\ \hline 56 \end{array} \quad \begin{array}{r} 7 \\ \times 4 \\ \hline 28 \end{array} \quad \begin{array}{r} 8 \\ \times 6 \\ \hline 48 \end{array} \quad \begin{array}{r} 9 \\ \times 9 \\ \hline 81 \end{array} \quad \begin{array}{r} 9 \\ \times 6 \\ \hline 54 \end{array} \quad \begin{array}{r} 1 \\ \times 9 \\ \hline 9 \end{array} \quad \begin{array}{r} 9 \\ \times 1 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 4 \\ \times 7 \\ \hline 28 \end{array} \quad \begin{array}{r} 3 \\ \times 8 \\ \hline 24 \end{array} \quad \begin{array}{r} 7 \\ \times 7 \\ \hline 49 \end{array} \quad \begin{array}{r} 8 \\ \times 3 \\ \hline 24 \end{array} \quad \begin{array}{r} 9 \\ \times 4 \\ \hline 36 \end{array} \quad \begin{array}{r} 8 \\ \times 6 \\ \hline 48 \end{array} \quad \begin{array}{r} 9 \\ \times 7 \\ \hline 63 \end{array} \quad \begin{array}{r} 7 \\ \times 3 \\ \hline 21 \end{array} \quad \begin{array}{r} 9 \\ \times 2 \\ \hline 18 \end{array} \quad \begin{array}{r} 9 \\ \times 7 \\ \hline 63 \end{array}$$

$$\begin{array}{r} 3 \\ \times 7 \\ \hline 21 \end{array} \quad \begin{array}{r} 3 \\ \times 8 \\ \hline 24 \end{array} \quad \begin{array}{r} 3 \\ \times 7 \\ \hline 21 \end{array} \quad \begin{array}{r} 5 \\ \times 8 \\ \hline 40 \end{array} \quad \begin{array}{r} 8 \\ \times 9 \\ \hline 72 \end{array} \quad \begin{array}{r} 2 \\ \times 7 \\ \hline 14 \end{array} \quad \begin{array}{r} 5 \\ \times 7 \\ \hline 35 \end{array} \quad \begin{array}{r} 6 \\ \times 7 \\ \hline 42 \end{array} \quad \begin{array}{r} 6 \\ \times 8 \\ \hline 48 \end{array} \quad \begin{array}{r} 6 \\ \times 8 \\ \hline 48 \end{array}$$

$$\begin{array}{r}
 8 & 6 & 1 & 7 & 1 & 7 & 8 & 2 & 7 & 6 \\
 \times 3 & \times 9 & \times 9 & \times 1 & \times 9 & \times 4 & \times 8 & \times 9 & \times 9 & \times 7 \\
 \hline
 24 & 54 & 9 & 7 & 9 & 38 & 61 & 18 & 63 & 42
 \end{array}$$

$$\begin{array}{r}
 4 & 5 & 9 & 8 & 7 & 8 & 9 & 8 & 3 & 9 \\
 \times 7 & \times 9 & \times 2 & \times 6 & \times 8 & \times 8 & \times 6 & \times 7 & \times 9 & \times 5 \\
 \hline
 28 & 45 & 18 & 48 & 56 & 64 & 54 & 56 & 27 & 45
 \end{array}$$

$$\begin{array}{r}
 8 & 7 & 8 & 9 & 4 & 9 & 7 & 6 & 9 & 8 \\
 \times 7 & \times 4 & \times 5 & \times 8 & \times 9 & \times 6 & \times 2 & \times 8 & \times 3 & \times 1 \\
 \hline
 56 & 28 & 40 & 72 & 36 & 54 & 14 & 48 & 27 & 8
 \end{array}$$

$$\begin{array}{r} 9 \\ \times 1 \\ \hline x \end{array} \quad \begin{array}{r} 8 \\ \times 2 \\ \hline x \end{array} \quad \begin{array}{r} 9 \\ \times 9 \\ \hline x \end{array} \quad \begin{array}{r} 8 \\ \times 9 \\ \hline x \end{array} \quad \begin{array}{r} 9 \\ \times 5 \\ \hline x \end{array} \quad \begin{array}{r} 9 \\ \times 9 \\ \hline x \end{array} \quad \begin{array}{r} 8 \\ \times 7 \\ \hline x \end{array} \quad \begin{array}{r} 8 \\ \times 7 \\ \hline x \end{array} \quad \begin{array}{r} 4 \\ \times 8 \\ \hline x \end{array} \quad \begin{array}{r} 7 \\ \times 6 \\ \hline x \end{array}$$