

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

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

$$\begin{array}{r} 4 \\ \times 8 \\ \hline x \end{array} \quad \begin{array}{r} 8 \\ \times 2 \\ \hline x \end{array} \quad \begin{array}{r} 9 \\ \times 7 \\ \hline x \end{array} \quad \begin{array}{r} 8 \\ \times 8 \\ \hline x \end{array} \quad \begin{array}{r} 7 \\ \times 7 \\ \hline x \end{array} \quad \begin{array}{r} 2 \\ \times 9 \\ \hline x \end{array} \quad \begin{array}{r} 8 \\ \times 8 \\ \hline x \end{array} \quad \begin{array}{r} 9 \\ \times 7 \\ \hline x \end{array} \quad \begin{array}{r} 8 \\ \times 5 \\ \hline x \end{array} \quad \begin{array}{r} 3 \\ \times 7 \\ \hline x \end{array}$$

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

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

$$\begin{array}{cccccccccccccc} 6 & & 8 & & 8 & & 7 & & 2 & & 9 & & 8 & & 8 & & 8 \\ \times & 7 & & \times & 1 & & \times & 6 & & \times & 8 & & \times & 7 & & \times & 9 & & \times & 9 & & \times & 6 & & \times & 9 & & \times & 9 \end{array}$$

$$\begin{array}{cccccccccccccc} 2 & & 1 & & 3 & & 9 & & 2 & & 8 & & 7 & & 4 & & 8 & & 3 \\ \times 7 & & \times 7 & & \times 7 & & \times 8 & & \times 8 & & \times 5 & & \times 1 & & \times 8 & & \times 7 & & \times 8 \end{array}$$

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

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

$$\begin{array}{cccccccccccccc} 7 & 7 & 8 & 4 & 9 & 7 & 1 & 5 & 9 & 7 \\ \times 4 & \times 1 & \times 6 & \times 8 & \times 2 & \times 4 & \times 9 & \times 8 & \times 9 & \times 3 \\ \hline \end{array}$$

$$\begin{array}{cccccccccccccc} 8 & & 9 & & 7 & & 9 & & 9 & & 1 & & 7 & & 9 & & 9 \\ \times & 7 & \times & 9 & \times & 4 & \times & 2 & \times & 2 & \times & 7 & \times & 2 & \times & 8 & \times & 8 & \times & 8 \end{array}$$

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

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

$$\begin{array}{r} 4 \\ \times 8 \\ \hline 32 \end{array} \quad \begin{array}{r} 8 \\ \times 2 \\ \hline 16 \end{array} \quad \begin{array}{r} 9 \\ \times 7 \\ \hline 63 \end{array} \quad \begin{array}{r} 8 \\ \times 8 \\ \hline 64 \end{array} \quad \begin{array}{r} 7 \\ \times 7 \\ \hline 49 \end{array} \quad \begin{array}{r} 2 \\ \times 9 \\ \hline 18 \end{array} \quad \begin{array}{r} 8 \\ \times 8 \\ \hline 64 \end{array} \quad \begin{array}{r} 9 \\ \times 7 \\ \hline 63 \end{array} \quad \begin{array}{r} 8 \\ \times 5 \\ \hline 40 \end{array} \quad \begin{array}{r} 3 \\ \times 7 \\ \hline 21 \end{array}$$

$$\begin{array}{r} 6 \\ \times 9 \\ \hline 54 \end{array} \quad \begin{array}{r} 7 \\ \times 7 \\ \hline 49 \end{array} \quad \begin{array}{r} 1 \\ \times 7 \\ \hline 7 \end{array} \quad \begin{array}{r} 1 \\ \times 8 \\ \hline 8 \end{array} \quad \begin{array}{r} 8 \\ \times 7 \\ \hline 56 \end{array} \quad \begin{array}{r} 5 \\ \times 8 \\ \hline 40 \end{array} \quad \begin{array}{r} 8 \\ \times 9 \\ \hline 72 \end{array} \quad \begin{array}{r} 7 \\ \times 2 \\ \hline 14 \end{array} \quad \begin{array}{r} 7 \\ \times 8 \\ \hline 56 \end{array} \quad \begin{array}{r} 7 \\ \times 5 \\ \hline 35 \end{array}$$

$$\begin{array}{r} 7 \\ \times 8 \\ \hline 56 \end{array} \quad \begin{array}{r} 6 \\ \times 8 \\ \hline 48 \end{array} \quad \begin{array}{r} 9 \\ \times 7 \\ \hline 63 \end{array} \quad \begin{array}{r} 8 \\ \times 5 \\ \hline 40 \end{array} \quad \begin{array}{r} 8 \\ \times 2 \\ \hline 16 \end{array} \quad \begin{array}{r} 4 \\ \times 9 \\ \hline 36 \end{array} \quad \begin{array}{r} 8 \\ \times 3 \\ \hline 24 \end{array} \quad \begin{array}{r} 8 \\ \times 8 \\ \hline 64 \end{array} \quad \begin{array}{r} 8 \\ \times 5 \\ \hline 40 \end{array} \quad \begin{array}{r} 7 \\ \times 9 \\ \hline 63 \end{array}$$

$$\begin{array}{r} 6 & 8 & 8 & 7 & 2 & 9 & 8 & 8 & 8 \\ \times 7 & \times 1 & \times 6 & \times 8 & \times 7 & \times 9 & \times 9 & \times 6 & \times 9 \\ \hline 42 & 8 & 48 & 56 & 14 & 81 & 72 & 48 & 72 \\ & & & & & & & & 27 \end{array}$$

$$\begin{array}{r} 2 \\ \times 7 \\ \hline 14 \end{array} \quad \begin{array}{r} 1 \\ \times 7 \\ \hline 7 \end{array} \quad \begin{array}{r} 3 \\ \times 7 \\ \hline 21 \end{array} \quad \begin{array}{r} 9 \\ \times 8 \\ \hline 72 \end{array} \quad \begin{array}{r} 2 \\ \times 8 \\ \hline 16 \end{array} \quad \begin{array}{r} 8 \\ \times 5 \\ \hline 40 \end{array} \quad \begin{array}{r} 7 \\ \times 1 \\ \hline 7 \end{array} \quad \begin{array}{r} 4 \\ \times 8 \\ \hline 32 \end{array} \quad \begin{array}{r} 8 \\ \times 7 \\ \hline 56 \end{array} \quad \begin{array}{r} 3 \\ \times 8 \\ \hline 24 \end{array}$$

$$\begin{array}{r} 3 \\ \times 9 \\ \hline 27 \end{array} \quad \begin{array}{r} 3 \\ \times 9 \\ \hline 27 \end{array} \quad \begin{array}{r} 8 \\ \times 7 \\ \hline 56 \end{array} \quad \begin{array}{r} 5 \\ \times 8 \\ \hline 40 \end{array} \quad \begin{array}{r} 6 \\ \times 9 \\ \hline 54 \end{array} \quad \begin{array}{r} 7 \\ \times 9 \\ \hline 63 \end{array} \quad \begin{array}{r} 7 \\ \times 1 \\ \hline 7 \end{array} \quad \begin{array}{r} 7 \\ \times 9 \\ \hline 63 \end{array} \quad \begin{array}{r} 7 \\ \times 4 \\ \hline 28 \end{array} \quad \begin{array}{r} 4 \\ \times 9 \\ \hline 36 \end{array}$$

$$\begin{array}{r} 7 \\ \times 9 \\ \hline 63 \end{array} \quad \begin{array}{r} 8 \\ \times 7 \\ \hline 56 \end{array} \quad \begin{array}{r} 7 \\ \times 5 \\ \hline 35 \end{array} \quad \begin{array}{r} 7 \\ \times 2 \\ \hline 14 \end{array} \quad \begin{array}{r} 9 \\ \times 2 \\ \hline 18 \end{array} \quad \begin{array}{r} 6 \\ \times 8 \\ \hline 48 \end{array} \quad \begin{array}{r} 6 \\ \times 9 \\ \hline 54 \end{array} \quad \begin{array}{r} 7 \\ \times 7 \\ \hline 49 \end{array} \quad \begin{array}{r} 9 \\ \times 9 \\ \hline 81 \end{array} \quad \begin{array}{r} 4 \\ \times 8 \\ \hline 32 \end{array}$$

$$\begin{array}{r}
 & 7 & & 7 & & 8 & & 4 & & 9 & & 7 & & 1 & & 5 & & 9 & & 7 \\
 \times & 4 & \times & 1 & \times & 6 & \times & 8 & \times & 2 & \times & 4 & \times & 9 & \times & 8 & \times & 9 & \times & 3 \\
 \hline
 28 & & 7 & & 48 & & 32 & & 18 & & 28 & & 9 & & 40 & & 81 & & 21
 \end{array}$$

$$\begin{array}{r}
 8 & 9 & 7 & 9 & 9 & 1 & 7 & 9 & 9 & 9 \\
 \times 7 & \times 9 & \times 4 & \times 2 & \times 2 & \times 7 & \times 2 & \times 8 & \times 8 & \times 8 \\
 \hline
 56 & 81 & 28 & 18 & 18 & 7 & 14 & 72 & 72 & 72
 \end{array}$$

$$\begin{array}{r} 2 \\ \times 9 \\ \hline 18 \end{array} \quad \begin{array}{r} 8 \\ \times 8 \\ \hline 64 \end{array} \quad \begin{array}{r} 7 \\ \times 3 \\ \hline 21 \end{array} \quad \begin{array}{r} 8 \\ \times 9 \\ \hline 72 \end{array} \quad \begin{array}{r} 5 \\ \times 7 \\ \hline 35 \end{array} \quad \begin{array}{r} 7 \\ \times 1 \\ \hline 7 \end{array} \quad \begin{array}{r} 9 \\ \times 1 \\ \hline 9 \end{array} \quad \begin{array}{r} 6 \\ \times 8 \\ \hline 48 \end{array} \quad \begin{array}{r} 8 \\ \times 6 \\ \hline 48 \end{array} \quad \begin{array}{r} 9 \\ \times 7 \\ \hline 63 \end{array}$$