

# Multiplication Facts to 81 (A)

Determine each product.

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

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

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

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

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

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

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

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

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

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

# Multiplication Facts to 81 (A) Answers

Determine each product.

1	7	9	3	1	6	5	1	1	1
$\times 2$	$\times 1$	$\times 1$	$\times 1$	$\times 8$	$\times 1$	$\times 1$	$\times 4$	$\times 1$	$\times 8$
2	7	9	3	8	6	5	4	1	8
1	1	4	1	1	1	1	1	5	8
$\times 6$	$\times 3$	$\times 1$	$\times 5$	$\times 9$	$\times 2$	$\times 7$	$\times 1$	$\times 1$	$\times 1$
6	3	4	5	9	2	7	1	5	8
1	1	1	1	1	6	1	1	1	7
$\times 9$	$\times 2$	$\times 5$	$\times 1$	$\times 8$	$\times 1$	$\times 4$	$\times 3$	$\times 9$	$\times 1$
9	2	5	1	8	6	4	3	9	7
9	1	1	6	5	8	1	3	7	1
$\times 1$	$\times 2$	$\times 1$	$\times 1$	$\times 1$	$\times 1$	$\times 6$	$\times 1$	$\times 1$	$\times 4$
9	2	1	6	5	8	6	3	7	4
1	8	2	1	5	1	1	5	6	4
$\times 7$	$\times 1$	$\times 1$	$\times 1$	$\times 1$	$\times 9$	$\times 3$	$\times 1$	$\times 1$	$\times 1$
7	8	2	1	5	9	3	5	6	4
1	7	1	1	5	2	9	3	1	1
$\times 8$	$\times 1$	$\times 6$	$\times 4$						
8	7	1	1	5	2	9	3	6	4
5	8	1	1	1	1	4	1	5	1
$\times 1$	$\times 1$	$\times 7$	$\times 3$	$\times 6$	$\times 1$	$\times 1$	$\times 2$	$\times 1$	$\times 9$
5	8	7	3	6	1	4	2	5	9
5	9	8	5	2	6	4	1	3	7
$\times 1$									
5	9	8	5	2	6	4	1	3	7
7	4	8	1	6	3	1	9	7	2
$\times 1$	$\times 5$	$\times 1$	$\times 1$	$\times 1$					
7	4	8	1	6	3	5	9	7	2
1	5	6	1	1	1	1	3	1	1
$\times 8$	$\times 1$	$\times 1$	$\times 1$	$\times 4$	$\times 8$	$\times 9$	$\times 1$	$\times 7$	$\times 2$
8	5	6	1	4	8	9	3	7	2

# Multiplication Facts to 81 (B)

Determine each product.

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

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

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

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

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

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

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

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

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

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

# Multiplication Facts to 81 (B) Answers

Determine each product.

1	4	1	1	1	1	1	1	6	7
$\times 2$	$\times 1$	$\times 3$	$\times 9$	$\times 1$	$\times 6$	$\times 5$	$\times 8$	$\times 1$	$\times 1$
2	4	3	9	1	6	5	8	6	7
1	1	1	1	6	1	1	9	3	1
$\times 2$	$\times 8$	$\times 1$	$\times 4$	$\times 1$	$\times 7$	$\times 1$	$\times 1$	$\times 1$	$\times 5$
2	8	1	4	6	7	1	9	3	5
3	5	1	9	8	1	1	7	2	6
$\times 1$	$\times 5$	$\times 4$	$\times 1$	$\times 1$	$\times 1$				
3	5	1	9	8	5	4	7	2	6
7	1	2	2	1	1	1	1	1	3
$\times 1$	$\times 8$	$\times 1$	$\times 1$	$\times 4$	$\times 9$	$\times 6$	$\times 1$	$\times 5$	$\times 1$
7	8	2	2	4	9	6	1	5	3
1	1	1	8	2	1	3	6	1	5
$\times 1$	$\times 7$	$\times 9$	$\times 1$	$\times 1$	$\times 7$	$\times 1$	$\times 1$	$\times 4$	$\times 1$
1	7	9	8	2	7	3	6	4	5
6	7	1	1	1	1	1	1	1	1
$\times 1$	$\times 1$	$\times 8$	$\times 4$	$\times 1$	$\times 7$	$\times 5$	$\times 2$	$\times 3$	$\times 9$
6	7	8	4	1	7	5	2	3	9
1	3	6	1	8	1	2	1	4	7
$\times 9$	$\times 1$	$\times 1$	$\times 5$	$\times 1$	$\times 1$	$\times 1$	$\times 9$	$\times 1$	$\times 1$
9	3	6	5	8	1	2	9	4	7
5	7	3	1	1	2	1	1	1	6
$\times 1$	$\times 1$	$\times 1$	$\times 8$	$\times 9$	$\times 1$	$\times 1$	$\times 4$	$\times 9$	$\times 1$
5	7	3	8	9	2	1	4	9	6
1	1	9	6	1	1	8	1	2	1
$\times 8$	$\times 1$	$\times 1$	$\times 1$	$\times 4$	$\times 7$	$\times 1$	$\times 5$	$\times 1$	$\times 3$
8	1	9	6	4	7	8	5	2	3
1	1	2	4	9	6	1	5	3	1
$\times 8$	$\times 7$	$\times 1$	$\times 5$						
8	7	2	4	9	6	1	5	3	5

# Multiplication Facts to 81 (C)

## Determine each product.

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

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

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

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

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

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

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

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

# Multiplication Facts to 81 (C) Answers

Determine each product.

5	1	1	1	1	1	7	7	1	6
$\times 1$	$\times 1$	$\times 2$	$\times 4$	$\times 9$	$\times 8$	$\times 1$	$\times 1$	$\times 3$	$\times 1$
5	1	2	4	9	8	7	7	3	6
2	1	1	1	2	3	1	6	5	1
$\times 1$	$\times 4$	$\times 7$	$\times 1$	$\times 1$	$\times 1$	$\times 8$	$\times 1$	$\times 1$	$\times 9$
2	4	7	1	2	3	8	6	5	9
5	1	1	2	1	3	1	6	1	1
$\times 1$	$\times 4$	$\times 1$	$\times 1$	$\times 9$	$\times 1$	$\times 7$	$\times 1$	$\times 8$	$\times 4$
5	4	1	2	9	3	7	6	8	4
5	4	1	1	3	8	1	6	1	9
$\times 1$	$\times 1$	$\times 7$	$\times 1$	$\times 2$	$\times 1$				
5	4	7	1	3	8	1	6	2	9
1	7	1	1	7	1	1	5	8	1
$\times 3$	$\times 1$	$\times 4$	$\times 2$	$\times 1$	$\times 1$	$\times 9$	$\times 1$	$\times 1$	$\times 6$
3	7	4	2	7	1	9	5	8	6
1	3	2	1	1	4	4	8	1	5
$\times 1$	$\times 1$	$\times 1$	$\times 7$	$\times 9$	$\times 1$	$\times 1$	$\times 1$	$\times 6$	$\times 1$
1	3	2	7	9	4	4	8	6	5
1	1	4	3	1	7	1	2	1	1
$\times 6$	$\times 8$	$\times 1$	$\times 1$	$\times 5$	$\times 1$	$\times 9$	$\times 1$	$\times 8$	$\times 1$
6	8	4	3	5	7	9	2	8	1
4	5	1	8	6	2	9	1	1	1
$\times 1$	$\times 1$	$\times 9$	$\times 1$	$\times 3$	$\times 7$				
4	5	9	8	6	2	9	1	3	7
1	6	1	1	5	3	1	1	1	7
$\times 1$	$\times 1$	$\times 2$	$\times 1$	$\times 1$	$\times 1$	$\times 4$	$\times 8$	$\times 9$	$\times 1$
1	6	2	1	5	3	4	8	9	7
1	5	1	1	1	1	8	1	1	6
$\times 7$	$\times 1$	$\times 2$	$\times 3$	$\times 1$	$\times 8$	$\times 1$	$\times 9$	$\times 4$	$\times 1$
7	5	2	3	1	8	1	9	4	6

# Multiplication Facts to 81 (D)

## Determine each product.

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

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

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

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

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

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

$$1 \times 4 \quad 1 \times 5 \quad 3 \times 1 \quad 4 \times 1 \quad 1 \times 2 \quad 1 \times 1 \quad 1 \times 7 \quad 1 \times 6 \quad 8 \times 1 \quad 9 \times 1$$

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

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

# Multiplication Facts to 81 (D) Answers

Determine each product.

8	1	5	1	1	7	4	3	6	2
$\times 1$	$\times 9$	$\times 1$	$\times 1$	$\times 2$	$\times 1$				
8	9	5	1	2	7	4	3	6	2
3	1	5	1	1	1	1	1	2	1
$\times 1$	$\times 7$	$\times 1$	$\times 1$	$\times 8$	$\times 9$	$\times 4$	$\times 6$	$\times 1$	$\times 4$
3	7	5	1	8	9	4	6	2	4
7	5	1	1	1	1	1	1	1	2
$\times 1$	$\times 1$	$\times 9$	$\times 6$	$\times 8$	$\times 1$	$\times 6$	$\times 4$	$\times 3$	$\times 1$
7	5	9	6	8	1	6	4	3	2
4	3	9	1	1	7	6	1	1	1
$\times 1$	$\times 1$	$\times 1$	$\times 8$	$\times 5$	$\times 1$	$\times 1$	$\times 2$	$\times 8$	$\times 1$
4	3	9	8	5	7	6	2	8	1
1	7	9	2	1	1	1	1	1	1
$\times 3$	$\times 1$	$\times 1$	$\times 1$	$\times 7$	$\times 1$	$\times 6$	$\times 5$	$\times 8$	$\times 4$
3	7	9	2	7	1	6	5	8	4
1	1	6	1	1	4	1	1	1	7
$\times 5$	$\times 3$	$\times 1$	$\times 8$	$\times 2$	$\times 1$	$\times 9$	$\times 8$	$\times 1$	$\times 1$
5	3	6	8	2	4	9	8	1	7
1	1	3	4	1	1	1	1	8	9
$\times 4$	$\times 5$	$\times 1$	$\times 1$	$\times 2$	$\times 1$	$\times 7$	$\times 6$	$\times 1$	$\times 1$
4	5	3	4	2	1	7	6	8	9
9	1	2	5	7	3	1	1	6	1
$\times 1$	$\times 8$	$\times 1$	$\times 3$	$\times 1$	$\times 4$				
9	8	2	5	7	3	1	3	6	4
1	1	1	6	4	8	3	7	1	1
$\times 9$	$\times 1$	$\times 2$	$\times 1$	$\times 4$	$\times 5$				
9	1	2	6	4	8	3	7	4	5
4	9	8	1	1	1	1	1	6	1
$\times 1$	$\times 1$	$\times 1$	$\times 1$	$\times 2$	$\times 5$	$\times 3$	$\times 5$	$\times 1$	$\times 7$
4	9	8	1	2	5	3	5	6	7

# Multiplication Facts to 81 (E)

Determine each product.

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

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

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

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

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

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

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

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

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

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

# Multiplication Facts to 81 (E) Answers

Determine each product.

$\frac{1}{\times 9}$	$\frac{1}{\times 4}$	$\frac{1}{\times 3}$	$\frac{1}{\times 5}$	$\frac{1}{\times 2}$	$\frac{1}{\times 8}$	$\frac{1}{\times 9}$	$\frac{7}{\times 1}$	$\frac{1}{\times 6}$	$\frac{1}{\times 1}$
$\frac{9}{4}$	$\frac{4}{3}$	$\frac{3}{5}$	$\frac{5}{2}$	$\frac{2}{8}$	$\frac{8}{9}$	$\frac{9}{9}$	$\frac{7}{7}$	$\frac{6}{6}$	$\frac{1}{1}$
$\frac{1}{\times 1}$	$\frac{1}{\times 7}$	$\frac{1}{\times 6}$	$\frac{1}{\times 2}$	$\frac{1}{\times 1}$	$\frac{1}{\times 1}$	$\frac{9}{\times 9}$	$\frac{4}{\times 4}$	$\frac{5}{\times 5}$	$\frac{8}{\times 8}$
$\frac{1}{7}$	$\frac{7}{6}$	$\frac{6}{2}$	$\frac{2}{3}$	$\frac{3}{4}$	$\frac{4}{9}$	$\frac{9}{9}$	$\frac{4}{4}$	$\frac{5}{5}$	$\frac{8}{8}$
$\frac{7}{2}$	$\frac{2}{1}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{5}{1}$	$\frac{1}{1}$	$\frac{9}{9}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$
$\frac{1}{\times 1}$	$\frac{1}{\times 1}$	$\frac{8}{\times 8}$	$\frac{6}{\times 6}$	$\frac{3}{\times 3}$	$\frac{1}{\times 1}$	$\frac{4}{\times 4}$	$\frac{1}{\times 1}$	$\frac{1}{\times 1}$	$\frac{2}{\times 2}$
$\frac{7}{2}$	$\frac{2}{2}$	$\frac{8}{8}$	$\frac{6}{6}$	$\frac{3}{3}$	$\frac{5}{5}$	$\frac{4}{4}$	$\frac{9}{9}$	$\frac{1}{1}$	$\frac{2}{2}$
$\frac{1}{6}$	$\frac{6}{1}$	$\frac{1}{3}$	$\frac{3}{1}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{4}{4}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$
$\frac{8}{\times 8}$	$\frac{1}{\times 1}$	$\frac{9}{\times 9}$	$\frac{1}{\times 1}$	$\frac{2}{\times 2}$	$\frac{1}{\times 1}$	$\frac{5}{\times 5}$	$\frac{1}{\times 1}$	$\frac{7}{\times 7}$	$\frac{1}{\times 1}$
$\frac{8}{6}$	$\frac{6}{6}$	$\frac{9}{9}$	$\frac{3}{3}$	$\frac{2}{2}$	$\frac{1}{1}$	$\frac{5}{5}$	$\frac{4}{4}$	$\frac{7}{7}$	$\frac{1}{1}$
$\frac{3}{6}$	$\frac{6}{1}$	$\frac{1}{4}$	$\frac{4}{7}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$
$\frac{1}{\times 1}$	$\frac{1}{\times 1}$	$\frac{6}{\times 6}$	$\frac{1}{\times 1}$	$\frac{1}{\times 1}$	$\frac{2}{\times 2}$	$\frac{9}{\times 9}$	$\frac{1}{\times 1}$	$\frac{5}{\times 5}$	$\frac{8}{\times 8}$
$\frac{3}{6}$	$\frac{6}{6}$	$\frac{6}{6}$	$\frac{4}{4}$	$\frac{7}{7}$	$\frac{2}{2}$	$\frac{9}{9}$	$\frac{1}{1}$	$\frac{5}{5}$	$\frac{8}{8}$
$\frac{5}{1}$	$\frac{1}{1}$	$\frac{1}{3}$	$\frac{3}{7}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{2}{2}$	$\frac{8}{8}$	$\frac{9}{9}$	$\frac{9}{9}$
$\frac{1}{\times 1}$	$\frac{6}{\times 6}$	$\frac{1}{\times 1}$	$\frac{1}{\times 1}$	$\frac{1}{\times 1}$	$\frac{2}{\times 2}$	$\frac{4}{\times 4}$	$\frac{1}{\times 1}$	$\frac{1}{\times 1}$	$\frac{1}{\times 1}$
$\frac{5}{6}$	$\frac{6}{6}$	$\frac{1}{1}$	$\frac{3}{3}$	$\frac{7}{7}$	$\frac{2}{2}$	$\frac{4}{4}$	$\frac{1}{1}$	$\frac{8}{8}$	$\frac{9}{9}$
$\frac{9}{6}$	$\frac{6}{1}$	$\frac{1}{5}$	$\frac{5}{2}$	$\frac{1}{1}$	$\frac{4}{4}$	$\frac{1}{1}$	$\frac{8}{8}$	$\frac{1}{7}$	$\frac{7}{7}$
$\frac{1}{\times 1}$	$\frac{1}{\times 1}$	$\frac{3}{\times 3}$	$\frac{1}{\times 1}$	$\frac{1}{\times 1}$	$\frac{1}{\times 1}$	$\frac{9}{\times 9}$	$\frac{1}{\times 1}$	$\frac{1}{\times 1}$	$\frac{1}{\times 1}$
$\frac{9}{6}$	$\frac{6}{6}$	$\frac{3}{3}$	$\frac{5}{5}$	$\frac{2}{2}$	$\frac{1}{1}$	$\frac{9}{9}$	$\frac{8}{8}$	$\frac{1}{7}$	$\frac{7}{7}$
$\frac{5}{1}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{3}$	$\frac{3}{9}$	$\frac{4}{4}$	$\frac{6}{6}$	$\frac{1}{1}$	$\frac{1}{2}$	$\frac{2}{2}$
$\frac{1}{\times 1}$	$\frac{1}{\times 1}$	$\frac{8}{\times 8}$	$\frac{7}{\times 7}$	$\frac{1}{\times 1}$	$\frac{1}{\times 1}$	$\frac{1}{\times 1}$	$\frac{7}{\times 7}$	$\frac{1}{\times 1}$	$\frac{1}{\times 1}$
$\frac{5}{1}$	$\frac{1}{1}$	$\frac{8}{8}$	$\frac{7}{7}$	$\frac{3}{3}$	$\frac{9}{9}$	$\frac{4}{4}$	$\frac{6}{6}$	$\frac{7}{7}$	$\frac{2}{2}$
$\frac{1}{9}$	$\frac{9}{1}$	$\frac{1}{5}$	$\frac{5}{3}$	$\frac{3}{1}$	$\frac{6}{6}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$
$\frac{\times 2}{2}$	$\frac{\times 1}{9}$	$\frac{8}{\times 8}$	$\frac{1}{\times 1}$	$\frac{1}{\times 1}$	$\frac{9}{\times 9}$	$\frac{1}{\times 1}$	$\frac{4}{\times 4}$	$\frac{7}{\times 7}$	$\frac{1}{\times 1}$
$\frac{2}{9}$	$\frac{9}{8}$	$\frac{8}{8}$	$\frac{5}{5}$	$\frac{3}{3}$	$\frac{9}{9}$	$\frac{6}{6}$	$\frac{4}{4}$	$\frac{7}{7}$	$\frac{1}{1}$
$\frac{4}{1}$	$\frac{1}{1}$	$\frac{1}{3}$	$\frac{3}{1}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{6}{6}$
$\frac{\times 1}{4}$	$\frac{\times 9}{9}$	$\frac{7}{\times 7}$	$\frac{1}{\times 1}$	$\frac{8}{\times 8}$	$\frac{1}{\times 1}$	$\frac{2}{\times 2}$	$\frac{7}{\times 7}$	$\frac{1}{\times 1}$	$\frac{1}{\times 1}$
$\frac{4}{9}$	$\frac{9}{7}$	$\frac{7}{7}$	$\frac{3}{3}$	$\frac{8}{8}$	$\frac{5}{5}$	$\frac{2}{2}$	$\frac{7}{7}$	$\frac{1}{1}$	$\frac{6}{6}$

# Multiplication Facts to 81 (F)

Determine each product.

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

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

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

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

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

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

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

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

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

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

# Multiplication Facts to 81 (F) Answers

Determine each product.

1	1	9	2	1	6	7	1	3	1
$\times 8$	$\times 7$	$\times 1$	$\times 4$	$\times 1$	$\times 5$				
8	7	9	2	1	6	7	4	3	5
7	1	6	1	1	1	4	3	1	9
$\times 1$	$\times 5$	$\times 1$	$\times 2$	$\times 1$	$\times 8$	$\times 1$	$\times 1$	$\times 1$	$\times 1$
7	5	6	2	1	8	4	3	1	9
7	1	5	1	1	1	5	6	1	1
$\times 1$	$\times 4$	$\times 1$	$\times 9$	$\times 1$	$\times 2$	$\times 1$	$\times 1$	$\times 3$	$\times 8$
7	4	5	9	1	2	5	6	3	8
1	7	2	1	1	1	1	1	6	1
$\times 5$	$\times 1$	$\times 1$	$\times 4$	$\times 8$	$\times 1$	$\times 3$	$\times 9$	$\times 1$	$\times 4$
5	7	2	4	8	1	3	9	6	4
1	1	1	1	9	6	5	3	1	1
$\times 2$	$\times 1$	$\times 8$	$\times 4$	$\times 1$	$\times 1$	$\times 1$	$\times 1$	$\times 7$	$\times 8$
2	1	8	4	9	6	5	3	7	8
1	1	1	1	1	8	1	1	1	1
$\times 4$	$\times 7$	$\times 6$	$\times 2$	$\times 3$	$\times 1$	$\times 1$	$\times 9$	$\times 6$	$\times 5$
4	7	6	2	3	8	1	9	6	5
3	1	1	2	2	6	1	1	4	1
$\times 1$	$\times 5$	$\times 8$	$\times 1$	$\times 1$	$\times 1$	$\times 9$	$\times 1$	$\times 1$	$\times 7$
3	5	8	2	2	6	9	1	4	7
1	1	1	1	5	1	6	1	1	7
$\times 5$	$\times 4$	$\times 1$	$\times 3$	$\times 1$	$\times 2$	$\times 1$	$\times 9$	$\times 8$	$\times 1$
5	4	1	3	5	2	6	9	8	7
1	1	3	2	8	1	1	1	1	1
$\times 1$	$\times 4$	$\times 1$	$\times 1$	$\times 1$	$\times 7$	$\times 5$	$\times 9$	$\times 2$	$\times 6$
1	4	3	2	8	7	5	9	2	6
1	4	2	8	1	2	1	1	1	6
$\times 5$	$\times 1$	$\times 3$	$\times 7$	$\times 9$	$\times 1$				
5	4	2	8	1	2	3	7	9	6

# Multiplication Facts to 81 (G)

Determine each product.

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

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

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

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

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

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

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

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

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

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

# Multiplication Facts to 81 (G) Answers

Determine each product.

1	1	9	1	1	1	1	1	1	1
$\times 3$	$\times 1$	$\times 1$	$\times 5$	$\times 4$	$\times 2$	$\times 8$	$\times 1$	$\times 6$	$\times 7$
3	1	9	5	4	2	8	1	6	7
1	4	5	1	1	1	3	1	6	1
$\times 8$	$\times 1$	$\times 1$	$\times 1$	$\times 7$	$\times 5$	$\times 1$	$\times 2$	$\times 1$	$\times 9$
8	4	5	1	7	5	3	2	6	9
1	5	1	1	1	1	7	1	1	9
$\times 8$	$\times 1$	$\times 1$	$\times 2$	$\times 1$	$\times 6$	$\times 1$	$\times 3$	$\times 4$	$\times 1$
8	5	1	2	1	6	7	3	4	9
1	5	1	1	1	1	4	1	1	1
$\times 7$	$\times 1$	$\times 2$	$\times 8$	$\times 1$	$\times 3$	$\times 1$	$\times 6$	$\times 9$	$\times 8$
7	5	2	8	1	3	4	6	9	8
2	6	1	7	1	1	1	1	1	1
$\times 1$	$\times 1$	$\times 1$	$\times 1$	$\times 4$	$\times 3$	$\times 7$	$\times 8$	$\times 5$	$\times 9$
2	6	1	7	4	3	7	8	5	9
9	2	8	6	1	1	1	4	1	1
$\times 1$	$\times 1$	$\times 1$	$\times 1$	$\times 5$	$\times 7$	$\times 4$	$\times 1$	$\times 1$	$\times 3$
9	2	8	6	5	7	4	4	1	3
1	1	8	1	3	1	7	6	1	4
$\times 9$	$\times 2$	$\times 1$	$\times 6$	$\times 1$	$\times 1$	$\times 1$	$\times 1$	$\times 5$	$\times 1$
9	2	8	6	3	1	7	6	5	4
1	4	5	9	1	3	3	2	6	1
$\times 8$	$\times 1$	$\times 7$							
8	4	5	9	1	3	3	2	6	7
1	1	9	2	1	9	3	1	8	1
$\times 6$	$\times 5$	$\times 1$	$\times 1$	$\times 7$	$\times 1$	$\times 1$	$\times 4$	$\times 1$	$\times 1$
6	5	9	2	7	9	3	4	8	1
5	1	2	5	1	1	1	1	8	1
$\times 1$	$\times 3$	$\times 1$	$\times 1$	$\times 6$	$\times 4$	$\times 7$	$\times 1$	$\times 1$	$\times 9$
5	3	2	5	6	4	7	1	8	9

# Multiplication Facts to 81 (H)

## Determine each product.

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

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

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

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

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

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

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

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

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

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

# Multiplication Facts to 81 (H) Answers

Determine each product.

4	8	1	1	9	1	1	1	1	1
$\times 1$	$\times 1$	$\times 3$	$\times 1$	$\times 1$	$\times 7$	$\times 5$	$\times 2$	$\times 5$	$\times 6$
4	8	3	1	9	7	5	2	5	6
8	2	1	4	1	1	2	1	1	9
$\times 1$	$\times 1$	$\times 6$	$\times 1$	$\times 1$	$\times 5$	$\times 1$	$\times 3$	$\times 7$	$\times 1$
8	2	6	4	1	5	2	3	7	9
1	1	7	4	1	2	1	1	3	6
$\times 1$	$\times 7$	$\times 1$	$\times 1$	$\times 8$	$\times 1$	$\times 5$	$\times 9$	$\times 1$	$\times 1$
1	7	7	4	8	2	5	9	3	6
1	1	8	7	3	4	5	1	1	2
$\times 6$	$\times 9$	$\times 1$	$\times 4$	$\times 1$					
6	9	8	7	3	4	5	1	4	2
3	1	1	1	1	1	4	1	7	1
$\times 1$	$\times 8$	$\times 2$	$\times 6$	$\times 9$	$\times 1$	$\times 1$	$\times 5$	$\times 1$	$\times 6$
3	8	2	6	9	1	4	5	7	6
1	1	6	7	1	2	9	1	1	1
$\times 5$	$\times 3$	$\times 1$	$\times 8$	$\times 7$	$\times 4$				
5	3	6	7	1	2	9	8	7	4
1	7	9	1	1	2	5	3	6	8
$\times 2$	$\times 1$	$\times 1$	$\times 1$	$\times 4$	$\times 1$				
2	7	9	1	4	2	5	3	6	8
5	5	7	1	1	1	2	3	9	4
$\times 1$	$\times 1$	$\times 1$	$\times 1$	$\times 6$	$\times 8$	$\times 1$	$\times 1$	$\times 1$	$\times 1$
5	5	7	1	6	8	2	3	9	4
7	2	1	1	1	9	2	5	1	4
$\times 1$	$\times 1$	$\times 1$	$\times 8$	$\times 6$	$\times 1$	$\times 1$	$\times 1$	$\times 3$	$\times 1$
7	2	1	8	6	9	2	5	3	4
1	1	1	5	1	1	1	2	1	8
$\times 4$	$\times 6$	$\times 7$	$\times 1$	$\times 3$	$\times 1$	$\times 9$	$\times 1$	$\times 9$	$\times 1$
4	6	7	5	3	1	9	2	9	8

# Multiplication Facts to 81 (I)

## Determine each product.

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

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

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

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

$$5 \quad 1 \quad 1 \quad 1 \quad 8 \quad 1 \quad 1 \quad 2 \quad 1 \quad 3$$

$$\times 1 \quad \times 1 \quad \times 7 \quad \times 9 \quad \times 1 \quad \times 6 \quad \times 2 \quad \times 1 \quad \times 4 \quad \times 1$$

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

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

$$2 \quad 5 \quad 1 \quad 3 \quad 1 \quad 7 \quad 1 \quad 1 \quad 4 \quad 1 \\ \times 1 \quad \times 1 \quad \times 7 \quad \times 1 \quad \times 8 \quad \times 1 \quad \times 6 \quad \times 1 \quad \times 1 \quad \times 9$$

$$5 \quad 1 \quad 1 \quad 2 \quad 9 \quad 6 \quad 1 \quad 1 \quad 1 \quad 1$$

$\times 1 \quad \times 7 \quad \times 4 \quad \times 1 \quad \times 1 \quad \times 1 \quad \times 3 \quad \times 5 \quad \times 1 \quad \times 8$

$$2 \quad 2 \quad 1 \quad 1 \quad 4 \quad 7 \quad 5 \quad 1 \quad 6 \quad 1$$

$\times 1 \quad \times 1 \quad \times 8 \quad \times 3 \quad \times 1 \quad \times 0$

# Multiplication Facts to 81 (I) Answers

Determine each product.

1	1	5	7	6	8	1	1	1	1
$\times 9$	$\times 9$	$\times 1$	$\times 1$	$\times 1$	$\times 1$	$\times 2$	$\times 3$	$\times 1$	$\times 4$
9	9	5	7	6	8	2	3	1	4
4	6	1	7	5	9	1	7	1	3
$\times 1$	$\times 8$	$\times 1$	$\times 2$	$\times 1$					
4	6	1	7	5	9	8	7	2	3
8	7	5	2	1	5	1	1	9	6
$\times 1$	$\times 1$	$\times 1$	$\times 1$	$\times 3$	$\times 1$	$\times 1$	$\times 4$	$\times 1$	$\times 1$
8	7	5	2	3	5	1	4	9	6
1	6	1	1	8	1	1	1	5	3
$\times 9$	$\times 1$	$\times 4$	$\times 1$	$\times 1$	$\times 2$	$\times 7$	$\times 4$	$\times 1$	$\times 1$
9	6	4	1	8	2	7	4	5	3
5	1	1	1	8	1	1	2	1	3
$\times 1$	$\times 1$	$\times 7$	$\times 9$	$\times 1$	$\times 6$	$\times 2$	$\times 1$	$\times 4$	$\times 1$
5	1	7	9	8	6	2	2	4	3
1	5	8	4	4	3	9	1	6	1
$\times 1$	$\times 7$	$\times 1$	$\times 2$						
1	5	8	4	4	3	9	7	6	2
1	1	1	1	8	1	2	1	2	6
$\times 5$	$\times 4$	$\times 7$	$\times 3$	$\times 1$	$\times 1$	$\times 1$	$\times 9$	$\times 1$	$\times 1$
5	4	7	3	8	1	2	9	2	6
2	5	1	3	1	7	1	1	4	1
$\times 1$	$\times 1$	$\times 7$	$\times 1$	$\times 8$	$\times 1$	$\times 6$	$\times 1$	$\times 1$	$\times 9$
2	5	7	3	8	7	6	1	4	9
5	1	1	2	9	6	1	1	1	1
$\times 1$	$\times 7$	$\times 4$	$\times 1$	$\times 1$	$\times 1$	$\times 3$	$\times 5$	$\times 1$	$\times 8$
5	7	4	2	9	6	3	5	1	8
2	2	1	1	4	7	5	1	6	1
$\times 1$	$\times 1$	$\times 8$	$\times 3$	$\times 1$	$\times 9$				
2	2	8	3	4	7	5	1	6	9

# Multiplication Facts to 81 (J)

## Determine each product.

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

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

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

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

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

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

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

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

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

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

# Multiplication Facts to 81 (J) Answers

Determine each product.

8	1	1	7	1	1	6	2	1	5
$\times 1$	$\times 8$	$\times 9$	$\times 1$	$\times 3$	$\times 4$	$\times 1$	$\times 1$	$\times 1$	$\times 1$
8	8	9	7	3	4	6	2	1	5
7	9	1	1	1	1	1	5	1	1
$\times 1$	$\times 1$	$\times 3$	$\times 6$	$\times 7$	$\times 1$	$\times 2$	$\times 1$	$\times 8$	$\times 4$
7	9	3	6	7	1	2	5	8	4
1	1	1	1	8	4	1	1	1	7
$\times 5$	$\times 1$	$\times 2$	$\times 8$	$\times 1$	$\times 1$	$\times 6$	$\times 9$	$\times 3$	$\times 1$
5	1	2	8	8	4	6	9	3	7
1	7	9	1	6	1	8	4	5	2
$\times 1$	$\times 1$	$\times 1$	$\times 3$	$\times 1$	$\times 4$	$\times 1$	$\times 1$	$\times 1$	$\times 1$
1	7	9	3	6	4	8	4	5	2
3	6	8	1	5	1	4	1	9	1
$\times 1$	$\times 1$	$\times 1$	$\times 5$	$\times 1$	$\times 2$	$\times 1$	$\times 1$	$\times 1$	$\times 7$
3	6	8	5	5	2	4	1	9	7
4	2	1	9	6	1	7	9	1	1
$\times 1$	$\times 3$	$\times 1$	$\times 1$	$\times 8$	$\times 5$				
4	2	1	9	6	3	7	9	8	5
1	1	1	1	1	5	1	7	1	1
$\times 4$	$\times 8$	$\times 2$	$\times 6$	$\times 3$	$\times 1$	$\times 1$	$\times 1$	$\times 9$	$\times 8$
4	8	2	6	3	5	1	7	9	8
1	2	6	9	1	1	1	5	7	1
$\times 8$	$\times 1$	$\times 1$	$\times 1$	$\times 1$	$\times 9$	$\times 4$	$\times 1$	$\times 1$	$\times 3$
8	2	6	9	1	9	4	5	7	3
6	1	2	1	1	5	1	9	1	4
$\times 1$	$\times 1$	$\times 1$	$\times 8$	$\times 7$	$\times 1$	$\times 6$	$\times 1$	$\times 3$	$\times 1$
6	1	2	8	7	5	6	9	3	4
1	1	2	6	9	1	4	1	1	1
$\times 1$	$\times 8$	$\times 1$	$\times 1$	$\times 1$	$\times 5$	$\times 1$	$\times 3$	$\times 6$	$\times 7$
1	8	2	6	9	5	4	3	6	7