

# Fubuki Multiplication Puzzle

Place the numbers 1 to 9 in the 3 by 3 grid so that each horizontal and vertical line multiplies to the given product. You can and must use each number only once. Some numbers are already placed for you.

<input type="text"/>	8	1	40
<input type="text"/>	<input type="text"/>	<input type="text"/>	72
<input type="text"/>	9	7	126
30	432	28	

<input type="text"/>	2	7	84
8	<input type="text"/>	3	120
<input type="text"/>	<input type="text"/>	<input type="text"/>	36
432	10	84	

7	<input type="text"/>	8	504
4	<input type="text"/>	<input type="text"/>	120
1	<input type="text"/>	<input type="text"/>	6
28	90	144	

<input type="text"/>	2	6	36
9	<input type="text"/>	8	504
<input type="text"/>	<input type="text"/>	<input type="text"/>	20
135	56	48	

<input type="text"/>	<input type="text"/>	5	35
3	<input type="text"/>	<input type="text"/>	144
9	<input type="text"/>	4	72
189	16	120	

<input type="text"/>	<input type="text"/>	1	30
3	7	<input type="text"/>	42
<input type="text"/>	4	<input type="text"/>	288
162	140	16	

# Answers

$$\begin{array}{|c|c|c|c|} \hline \textcircled{5} & \textcircled{8} & \textcircled{1} & 40 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|c|} \hline \textcircled{3} & \textcircled{6} & \textcircled{4} & 72 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|c|} \hline \textcircled{2} & \textcircled{9} & \textcircled{7} & 126 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 30 & 432 & 28 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|c|} \hline \textcircled{7} & \textcircled{9} & \textcircled{8} & 504 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|c|} \hline \textcircled{4} & \textcircled{5} & \textcircled{6} & 120 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|c|} \hline \textcircled{1} & \textcircled{2} & \textcircled{3} & 6 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 28 & 90 & 144 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|c|} \hline \textcircled{7} & \textcircled{1} & \textcircled{5} & 35 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|c|} \hline \textcircled{3} & \textcircled{8} & \textcircled{6} & 144 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|c|} \hline \textcircled{9} & \textcircled{2} & \textcircled{4} & 72 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 189 & 16 & 120 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|c|} \hline \textcircled{6} & \textcircled{2} & \textcircled{7} & 84 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|c|} \hline \textcircled{8} & \textcircled{5} & \textcircled{3} & 120 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|c|} \hline \textcircled{9} & \textcircled{1} & \textcircled{4} & 36 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 432 & 10 & 84 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|c|} \hline \textcircled{3} & \textcircled{2} & \textcircled{6} & 36 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|c|} \hline \textcircled{9} & \textcircled{7} & \textcircled{8} & 504 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|c|} \hline \textcircled{5} & \textcircled{4} & \textcircled{1} & 20 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 135 & 56 & 48 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|c|} \hline \textcircled{6} & \textcircled{5} & \textcircled{1} & 30 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|c|} \hline \textcircled{3} & \textcircled{7} & \textcircled{2} & 42 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|c|} \hline \textcircled{9} & \textcircled{4} & \textcircled{8} & 288 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 162 & 140 & 16 \\ \hline \end{array}$$