

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.

○	7	○	105
○	2	○	18
○	6	4	192
24	84	180	

○	5	3	105
8	○	6	96
○	○	○	36
56	40	162	

○	○	8	120
○	9	6	378
○	○	4	8
21	90	192	

○	○	○	27
6	○	8	240
○	2	4	56
126	10	288	

6	○	3	90
○	○	○	56
2	4	○	72
96	20	189	

4	○	○	20
6	3	○	144
○	9	○	126
168	135	16	

Answers

$$\begin{array}{|c|c|c|c|} \hline \textcircled{3} & \textcircled{7} & \textcircled{5} & 105 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|c|} \hline \textcircled{1} & \textcircled{2} & \textcircled{9} & 18 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|c|} \hline \textcircled{8} & \textcircled{6} & \textcircled{4} & 192 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 24 & 84 & 180 \\ \hline \end{array}$$

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

$$\begin{array}{|c|c|c|c|} \hline \textcircled{7} & \textcircled{9} & \textcircled{6} & 378 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|c|} \hline \textcircled{1} & \textcircled{2} & \textcircled{4} & 8 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 21 & 90 & 192 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|c|} \hline \textcircled{6} & \textcircled{5} & \textcircled{3} & 90 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|c|} \hline \textcircled{8} & \textcircled{1} & \textcircled{7} & 56 \\ \hline \end{array}$$

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

$$\begin{array}{|c|c|c|} \hline 96 & 20 & 189 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|c|} \hline \textcircled{7} & \textcircled{5} & \textcircled{3} & 105 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|c|} \hline \textcircled{8} & \textcircled{2} & \textcircled{6} & 96 \\ \hline \end{array}$$

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

$$\begin{array}{|c|c|c|} \hline 56 & 40 & 162 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|c|} \hline \textcircled{3} & \textcircled{1} & \textcircled{9} & 27 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|c|} \hline \textcircled{6} & \textcircled{5} & \textcircled{8} & 240 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|c|} \hline \textcircled{7} & \textcircled{2} & \textcircled{4} & 56 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 126 & 10 & 288 \\ \hline \end{array}$$

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

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

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

$$\begin{array}{|c|c|c|} \hline 168 & 135 & 16 \\ \hline \end{array}$$