

# 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.

○	○	○	90
---	---	---	----

8	1	7	56
---	---	---	----

○	○	○	72
---	---	---	----

96	20	189
----	----	-----

○	3	○	24
---	---	---	----

4	○	6	120
---	---	---	-----

○	○	○	126
---	---	---	-----

8	105	432
---	-----	-----

7	○	○	105
---	---	---	-----

○	2	○	96
---	---	---	----

○	○	9	36
---	---	---	----

56	40	162
----	----	-----

4	○	○	20
---	---	---	----

6	3	○	144
---	---	---	-----

○	○	○	126
---	---	---	-----

168	135	16
-----	-----	----

○	○	○	140
---	---	---	-----

8	○	2	96
---	---	---	----

○	3	○	27
---	---	---	----

40	72	126
----	----	-----

○	○	5	105
---	---	---	-----

○	2	○	18
---	---	---	----

8	○	○	192
---	---	---	-----

24	84	180
----	----	-----

# Answers

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

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

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

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

$$\begin{array}{|c|c|c|c|} \hline \textcircled{1} & \textcircled{3} & \textcircled{8} & 24 \\ \hline \end{array}$$

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

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

$$\begin{array}{|c|c|c|} \hline 8 & 105 & 432 \\ \hline \end{array}$$

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

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

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

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

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

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

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

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

$$\begin{array}{|c|c|c|c|} \hline \textcircled{5} & \textcircled{4} & \textcircled{7} & 140 \\ \hline \end{array}$$

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

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

$$\begin{array}{|c|c|c|} \hline 40 & 72 & 126 \\ \hline \end{array}$$

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

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

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

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