

# 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.

6			90
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	1	7	56
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2	4	9	72
---	---	---	----

96	20	189
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5		7	140
---	--	---	-----

8	6	2	96
---	---	---	----

	3		27
--	---	--	----

40	72	126
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		1	20
--	--	---	----

6	3	8	144
---	---	---	-----

7	9		126
---	---	--	-----

168	135	16
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4		1	20
---	--	---	----

6	3		144
---	---	--	-----

7	9		126
---	---	--	-----

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

1			24
---	--	--	----

	5	6	120
--	---	---	-----

2	7	9	126
---	---	---	-----

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

5	4		140
---	---	--	-----

		2	96
--	--	---	----

1	3	9	27
---	---	---	----

40	72	126
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# Answers

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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