

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.

○	○	○	48
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9	○	5	90
---	---	---	----

7	○	4	84
---	---	---	----

504	6	120
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○	○	○	20
---	---	---	----

6	3	○	144
---	---	---	-----

7	9	○	126
---	---	---	-----

168	135	16
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○	○	○	24
---	---	---	----

○	5	6	120
---	---	---	-----

○	7	9	126
---	---	---	-----

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

○	○	○	42
---	---	---	----

2	5	○	80
---	---	---	----

9	3	○	108
---	---	---	-----

108	105	32
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○	4	7	140
---	---	---	-----

○	6	2	96
---	---	---	----

1	○	○	27
---	---	---	----

40	72	126
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6	○	3	90
---	---	---	----

8	○	7	56
---	---	---	----

○	○	○	72
---	---	---	----

96	20	189
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Answers

$$\begin{array}{|c|c|c|c|} \hline \textcircled{8} & \textcircled{1} & \textcircled{6} & 48 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|c|} \hline \textcircled{9} & \textcircled{2} & \textcircled{5} & 90 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|c|} \hline \textcircled{7} & \textcircled{3} & \textcircled{4} & 84 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 504 & 6 & 120 \\ \hline \end{array}$$

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

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

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

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

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

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

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

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

$$\begin{array}{|c|c|c|c|} \hline \textcircled{6} & \textcircled{7} & \textcircled{1} & 42 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|c|} \hline \textcircled{2} & \textcircled{5} & \textcircled{8} & 80 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|c|} \hline \textcircled{9} & \textcircled{3} & \textcircled{4} & 108 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 108 & 105 & 32 \\ \hline \end{array}$$

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

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

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

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

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

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

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

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