

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.

9	8	○	432
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○	○	1	21
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5	4	○	40
---	---	---	----

135	224	12
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3	4	○	108
---	---	---	-----

7	○	○	35
---	---	---	----

8	6	○	96
---	---	---	----

168	120	18
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○	○	1	20
---	---	---	----

6	3	○	144
---	---	---	-----

7	9	○	126
---	---	---	-----

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

9	○	○	45
---	---	---	----

6	○	4	48
---	---	---	----

7	○	3	168
---	---	---	-----

378	16	60
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1	○	○	63
---	---	---	----

○	8	6	192
---	---	---	-----

○	5	3	30
---	---	---	----

8	360	126
---	-----	-----

6	○	3	90
---	---	---	----

○	1	○	56
---	---	---	----

2	○	9	72
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96	20	189
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Answers

$$\begin{array}{|c|c|c|c|} \hline \textcircled{9} & \textcircled{8} & \textcircled{6} & 432 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|c|} \hline \textcircled{3} & \textcircled{7} & \textcircled{1} & 21 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|c|} \hline \textcircled{5} & \textcircled{4} & \textcircled{2} & 40 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 135 & 224 & 12 \\ \hline \end{array}$$

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

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

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

$$\begin{array}{|c|c|c|} \hline 168 & 120 & 18 \\ \hline \end{array}$$

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

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

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

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

$$\begin{array}{|c|c|c|c|} \hline \textcircled{9} & \textcircled{1} & \textcircled{5} & 45 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|c|} \hline \textcircled{6} & \textcircled{2} & \textcircled{4} & 48 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|c|} \hline \textcircled{7} & \textcircled{8} & \textcircled{3} & 168 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 378 & 16 & 60 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|c|} \hline \textcircled{1} & \textcircled{9} & \textcircled{7} & 63 \\ \hline \end{array}$$

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

$$\begin{array}{|c|c|c|c|} \hline \textcircled{2} & \textcircled{5} & \textcircled{3} & 30 \\ \hline \end{array}$$

$$\begin{array}{|c|c|c|} \hline 8 & 360 & 126 \\ \hline \end{array}$$

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

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

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

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