

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			42
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2	5	8	80
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9		4	108
---	--	---	-----

108	105	32
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		1	30
--	--	---	----

3	7	2	42
---	---	---	----

9	4		288
---	---	--	-----

162	140	16
-----	-----	----

7	5	3	105
---	---	---	-----

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

1			36
---	--	--	----

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

	1		48
--	---	--	----

9	2	5	90
---	---	---	----

7		4	84
---	--	---	----

504	6	120
-----	---	-----

	1		35
--	---	--	----

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

	2	4	72
--	---	---	----

189	16	120
-----	----	-----

	7	5	105
--	---	---	-----

1			18
---	--	--	----

8	6	4	192
---	---	---	-----

24	84	180
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Answers

$$\textcircled{6} \textcircled{7} \textcircled{1} \textcircled{42}$$

$$\textcircled{2} \textcircled{5} \textcircled{8} \textcircled{80}$$

$$\textcircled{9} \textcircled{3} \textcircled{4} \textcircled{108}$$

$$108 \quad 105 \quad 32$$

$$\textcircled{6} \textcircled{5} \textcircled{1} \textcircled{30}$$

$$\textcircled{3} \textcircled{7} \textcircled{2} \textcircled{42}$$

$$\textcircled{9} \textcircled{4} \textcircled{8} \textcircled{288}$$

$$162 \quad 140 \quad 16$$

$$\textcircled{7} \textcircled{5} \textcircled{3} \textcircled{105}$$

$$\textcircled{8} \textcircled{2} \textcircled{6} \textcircled{96}$$

$$\textcircled{1} \textcircled{4} \textcircled{9} \textcircled{36}$$

$$56 \quad 40 \quad 162$$

$$\textcircled{8} \textcircled{1} \textcircled{6} \textcircled{48}$$

$$\textcircled{9} \textcircled{2} \textcircled{5} \textcircled{90}$$

$$\textcircled{7} \textcircled{3} \textcircled{4} \textcircled{84}$$

$$504 \quad 6 \quad 120$$

$$\textcircled{7} \textcircled{1} \textcircled{5} \textcircled{35}$$

$$\textcircled{3} \textcircled{8} \textcircled{6} \textcircled{144}$$

$$\textcircled{9} \textcircled{2} \textcircled{4} \textcircled{72}$$

$$189 \quad 16 \quad 120$$

$$\textcircled{3} \textcircled{7} \textcircled{5} \textcircled{105}$$

$$\textcircled{1} \textcircled{2} \textcircled{9} \textcircled{18}$$

$$\textcircled{8} \textcircled{6} \textcircled{4} \textcircled{192}$$

$$24 \quad 84 \quad 180$$