

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
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3	7	2	42
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9	4		288
---	---	--	-----

162	140	16
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7	5	3	105
---	---	---	-----

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

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

56	40	162
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	1		48
--	---	--	----

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

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

504	6	120
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	1		35
--	---	--	----

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

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

189	16	120
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	7	5	105
--	---	---	-----

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

8	6	4	192
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24	84	180
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Answers

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

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

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

$$108 \quad 105 \quad 32$$

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

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

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

$$162 \quad 140 \quad 16$$

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

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

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

$$56 \quad 40 \quad 162$$

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

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

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

$$504 \quad 6 \quad 120$$

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

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

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

$$189 \quad 16 \quad 120$$

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

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

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

$$24 \quad 84 \quad 180$$