

Mathematics

Gabriel's problem

Mr Millar



Try this

Each blue box is the product of the 3 numbers in that row or column.

For example, $6 \times 8 \times 3 = 144$.

Complete the other blue boxes.

6	8	3	144
7	1	5	
2	9	4	



Connect

Again, each blue box is the product of the 3 numbers in that row or column.

Complete the other boxes.



I will need to use division as well as multiplication here...

4	3	5	
8			336
1		9	18
	42		



Independent task

Again, each blue box is the product of the 3 numbers in that row or column.

Complete the other boxes.

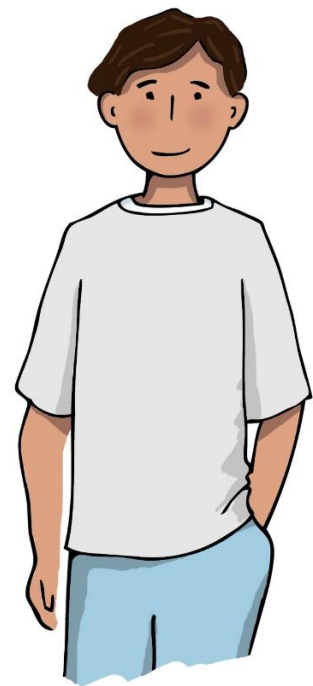
9	3		162
		2	14
			160
45		96	



Explore

Again, each blue box is the product of the 3 numbers in that row or column.

Complete the other boxes.



I know where the 5 goes by thinking about which numbers 5 is a **factor** of

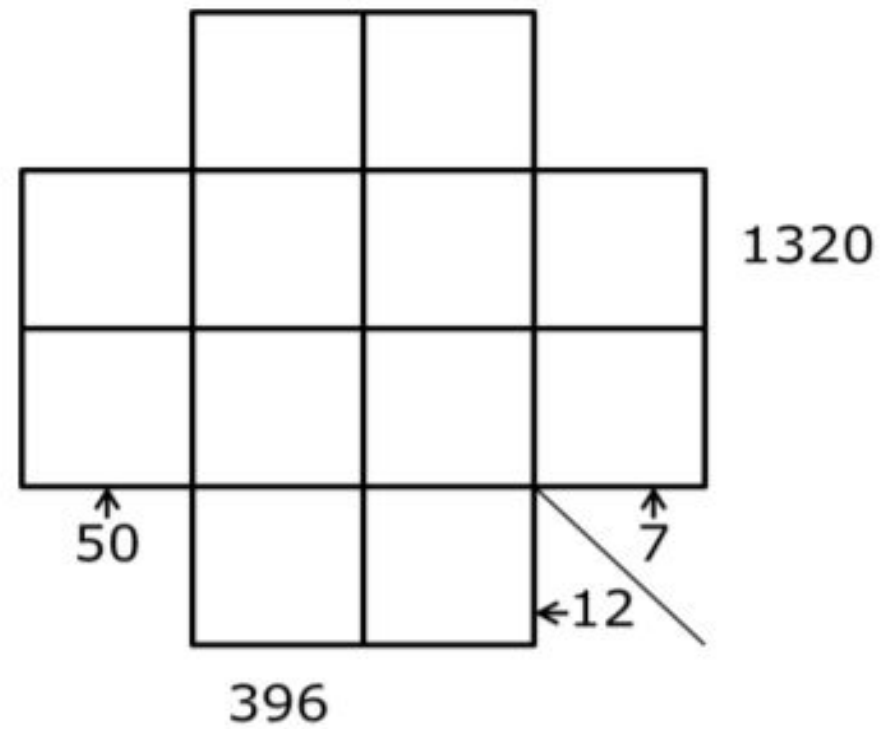
			24
			40
			378
60	21	288	



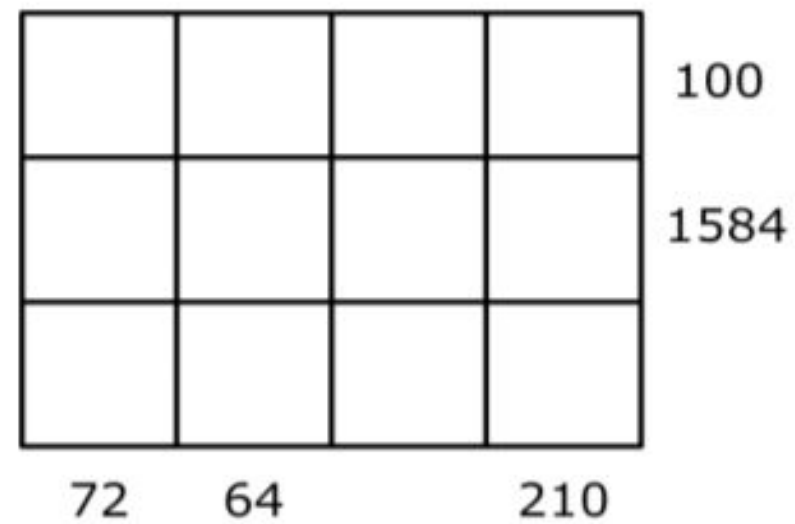
Explore

(Additional questions)

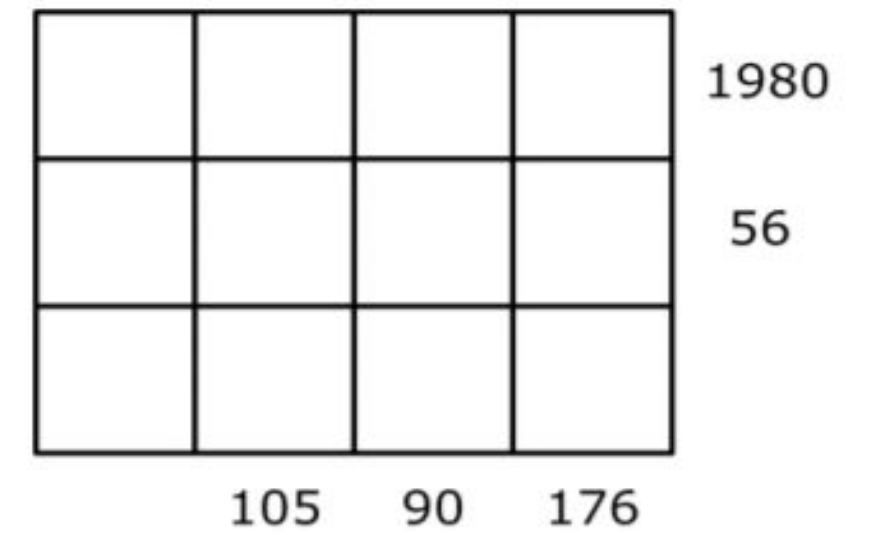
Can you work out where to place the numbers **1-12** in this grid?



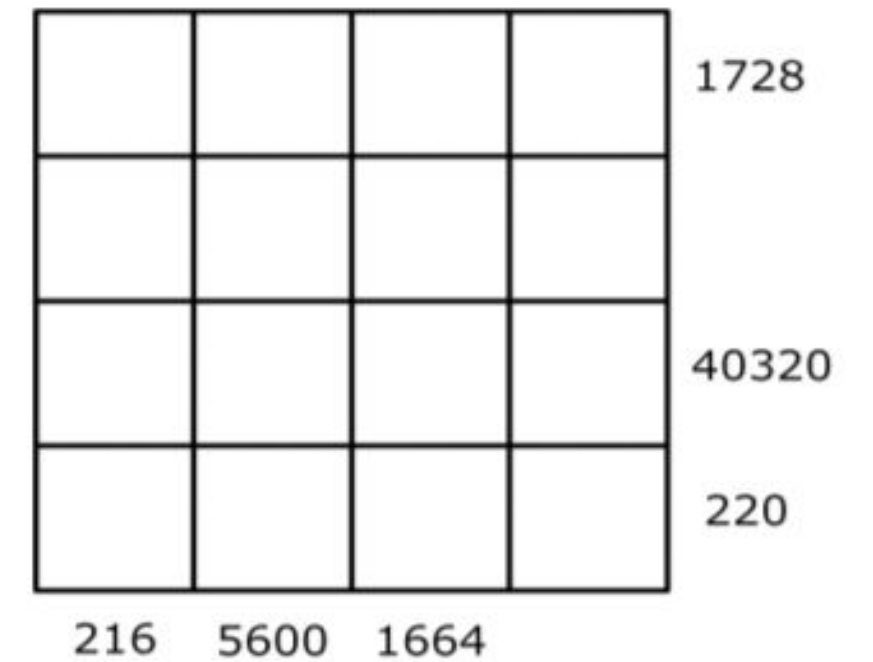
Can you work out where to place the numbers **1-12** in this grid?



Can you work out where to place the numbers **1-12** in this grid?



Can you work out where to place the numbers **1-16** in this grid?



Answers



Try this

Each blue box is the product of the 3 numbers in that row or column.

For example, $6 \times 8 \times 3 = 144$.

Complete the other blue boxes.

6	8	3	144
7	1	5	35
2	9	4	72
84	72	60	



Connect

Again, each blue box is the product of the 3 numbers in that row or column.

Complete the other boxes.



I will need to use division as well as multiplication here...

4	3	5	60
8	7	6	336
1	2	9	18
32	42	270	



Independent task

Again, each blue box is the product of the 3 numbers in that row or column.

Complete the other boxes.

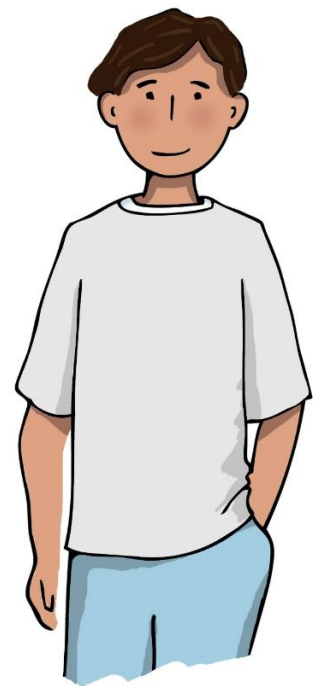
9	3	6	162
1	7	2	14
5	4	8	160
45	84	96	



Explore

Again, each blue box is the product of the 3 numbers in that row or column.

Complete the other boxes.



I know where the 5 goes by thinking about which numbers 5 is a **factor** of

2	3	4	24
5	1	8	40
6	7	9	378
60	21	288	

