

## To multiply a two-digit number by a one-digit number - Questions

1. Use place value counters and the mathstronaut's method to solve:

- a.  $22 \times 3 =$
- b.  $42 \times 2 =$
- c.  $31 \times 3 =$
- d.  $41 \times 2 =$

2. Take a look at the mathstronaut's work. In each case say whether the calculation is correct or incorrect. Can you correct the questions he got wrong?

a.

	3	3
x		2
		6
+		6
		12

b.

	1	4
x		2
		8
	2	

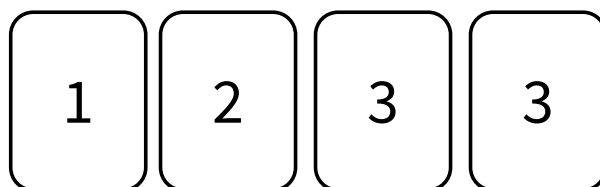
c.

	2	4
x		2
		8
+		4
		12

d.

	3	2
x		3
		6
+		9
		15

3. How many different 2-digit by 1-digit multiplication calculations can you make and solve using the digit cards given?



## To multiply a two-digit number by a one-digit number - Answers

Question No.	Question	Answer
1	Use place value counters and the mathstronaut's method to solve: a. $22 \times 3 =$ b. $42 \times 2 =$ c. $31 \times 3 =$ d. $41 \times 2 =$	a. $22 \times 3 = 66$ b. $42 \times 2 = 84$ c. $31 \times 3 = 93$ d. $41 \times 2 = 82$
2	a. to d. Take a look at the mathstronaut's work. In each case say whether the calculation is correct or incorrect. Can you correct the questions he got wrong?	a. Incorrect. $33 \times 2 = 60 + 6 = 66$ b. Correct. c. Incorrect. $24 \times 2 = 40 + 8 = 48$ d. Incorrect. $32 \times 3 = 90 + 6 = 96$
3	How many different 2-digit by 1-digit multiplication calculations can you make and solve using the digit cards given?	You can make 12 different calculations: $12 \times 3 = 36$ $31 \times 2 = 62$ $13 \times 2 = 26$ $31 \times 3 = 93$ $13 \times 3 = 39$ $32 \times 1 = 32$ $21 \times 3 = 63$ $32 \times 3 = 96$ $23 \times 1 = 23$ $33 \times 1 = 33$ $23 \times 3 = 69$ $33 \times 2 = 66$