



#1

Fill in the missing number. Use the zero property of multiplication:

$$? = 3 \times 0$$

1

3

10

0

Show your work

#2

Fill in the missing number.  
Use the zero property of multiplication:

$$\square = 2 \times 0$$

Show your work

#3

Fill in the missing number.  
Use the associative property of multiplication:

$$\square \times (3 \times 2) = (1 \times 3) \times 2$$

Show your work



#4

Fill in the missing number. Use the distributive property of multiplication:

$$1 \times 3 - 1 \times ? = 1 \times (3 - 2)$$

 1 2 0 3

Show your work

#5

Fill in the missing number.  
Use the distributive property of multiplication:

$$3 \times 2 + 3 \times 1 = \square \times (2 + 1)$$

Show your work

#6

Fill in the missing number. Use the distributive property of multiplication:

$$? \times 2 + 1 \times 3 = 1 \times (2 + 3)$$

 1 2 0 3

Show your work



#7

Fill in the missing number. Use the identity property of multiplication:

$$3 \times ? = 3$$

 3 0 4 1

Show your work

#8

Fill in the missing number. Use the associative property of multiplication:

$$2 \times (? \times 1) = (2 \times 3) \times 1$$

 0 1 2 3

Show your work

#9

Fill in the missing number. Use the associative property of multiplication:

$$3 \times (1 \times 2) = (3 \times ?) \times 2$$

 2 3 1 0

Show your work



#10

Fill in the missing number.  
Use the associative property  
of multiplication:

$$1 \times (2 \times 3) = (1 \times \boxed{\phantom{00}}) \times 3$$

Show your work

#11

Fill in the missing number. Use the zero property of  
multiplication:

$$3 \times 0 = ?$$

1

3

10

0

Show your work

#12

Fill in the missing number. Use the distributive property  
of multiplication:

$$3 \times ? - 3 \times 1 = 3 \times (2 - 1)$$

1

0

3

2

Show your work

Question	Answer
#1	choice 4
#2	0
#3	1
#4	choice 2
#5	3
#6	choice 1
#7	choice 4
#8	choice 4
#9	choice 3
#10	2
#11	choice 4
#12	choice 4