

1.3 Order of Operations

2 + 3 x 4 = 14
2 + 12 = 14

order of operations
A rule that tells you the sequence to follow when performing operations in a mathematical expression.

parentheses	multiplication	addition
P	M or D	A or S
exponents	division	subtraction

First, do P and E. Then do M or D, left to right. Last, do A or S, left to right.

$$3 \times 4 \div (4 \div 2)$$

$3 \cdot 4 \div 6$
 $12 \div 6$
(2)

$$(2 \div 3) \times (21 \div 3)$$

$5 \cdot 7$
(35)

$$36 \div 3 - (2 \times 3)$$

$36 \div 3 - 6$
 $12 - 6$
(6)

$$45 \div 5 - (2 \times 3)$$

$45 \div 5 - 6$
 $9 - 6$
(3)

Please exuse my dear aunt sally