

Order of Operations!

Remember that we evaluate in the order of most powerful to least powerful unless we are told implicitly otherwise. Do these step by step, no shortcuts or skipping.

$$(3 + 1)^2 + 4 - (2 \times (3 + 2))$$

$$7^2 + 4 \times (5 - 2^2)$$

$$[(4 - 2) + (3 + 4)] \div 3 \times 2 \times 3$$

$$[(3 + 2) - 2^2] \div (4^2 - 3 \times 5)$$

$$[(2 + 1) + 5 - 4]^2 \times [(3 - 1) \times 5]$$

$$[(8 \times 2) - (4 + 5)]^2 - (4 + 3)^2$$

Using the following four numbers, write an equation using +, -, x, or ÷ that will equal 24. The first is done as an example.

2,3,5,6

8,2,2,1

$$6 \times ((5 - 3) + 2) = 24$$