Order of Operations

Remember PEMDAS, Please Excuse My Dear Aunt Sally. It is a mnemonic to help keep straight the way to solve problems.

Parentheses

Exponents

Multiplication

Division

Adding

Subtracting.

Left to right through the problem.

If you have to find out what  is scan the problem left to right. The multiply out ranks the adding so you are adding 5 and 22 to get 27.

In this next problem, be sure to identify the exponent!

  There’s an exponent, multiply, and a subtract!

Nested parentheses are always tricky:



Try this one: 

Check answer at CASA

Order of operations work just requires practice.

Examples:







Answers

18

11

2(7) divided by ¼ is 14(4) [invert and multiply the ¼]