Here are the rules for doing problems with more than one math function.   Do parentheses, brackets, braces, exponents & roots, multiplication & division, addition & subtraction (**in that order**)!   Go from the innermost grouping outward.

1. Do parentheses: $(3 + 4) \times 2^2 = 28$

2. Brackets: $[(3 + 4) \times 2]^2 = 196$

3. Braces: $10 - \{7 - [-2]\} = 1$

4. Exponents and Roots: $2^2 \times 4 = 16$

5. Multiplication or Division (from left to right): $3 + 4 \times 2 = 11$

6. Addition or Subtraction (from left to right): $4 + 2 - 3 = 3$

$[(2 + 3) \times 5]^2 =$ $[2 + (3 \times 5)]^2 =$ $(2 + 3) \times 5^2 =$

$[5 \times (3 \div 5)]^2 =$ $10 + 5 \times 3 =$ $[(10 + 5) \times 3]^2 =$

$7 + (4 \times 2) =$ $\{6 - [-9]\} \times 2^2 =$ $10^2 - (25 + 2) =$

$2 + \{3^3 - [-2]\} =$ $\{[(2 + 2) \times 3] - 4\} \times 2 =$