Counting Atoms Worksheet – KEY - Explanation

1) NaOH
   - Na is 1 because that is the subscript.
   - O is 1 because that is the subscript
   - H is 1 because that is the subscript.
   - there are three total because of 1 + 1 + 1 = 3

2) $MgCl_2$
   - Mg is 1 because that is the subscript
   - Cl is 2 because that is the subscript
   - there are 3 total because of 1 + 2 = 3

3) Li_2SO_4
   - Li is 2 because that is the subscript
   - S is 1 because that is the subscript
   - O is 4 because that is the subscript
   - There is a total of 7 because 2 + 1 + 4 = 7

4) $NaC_2H_3O_2$
   - Na is 1 because that is the subscript
   - C is 2 because that is the subscript
   - H is 3 because that is the subscript
   - O is 2 because that is the subscript
   - There is a total of 8 because 1 + 2 + 3 + 2 = 8

5) NH_4Cl
   - N is 1 because that is the subscript
   - H is 4 because that is the subscript
   - Cl is 1 because that is the subscript
   - There is a total of 6 because of 1 + 4 + 1 = 6.