Solving equations with fractions

**Steps:**

1) write all terms as fractions
2) find common denominators
3) find numerator....what you do to the top you must do to the bottom...all fractions

 must have the same denominator
4) eliminate the denominators
5) solve equations
       \* combine like terms

 \* distribute if necessary (feed the ducks)
       \* use inverse (add/subtract) to get variable alone

 \* divide/multiple
        \* write your answer ----- variable equals (x=\_\_\_\_)

             3x/4 - 2x/3 + 5/8 = 1

1).   3x/4 - 2x/3 + 5/8 = 1/1

2). 3x(6)/4(6) - 2x(8)/3(8) + 5(3)/8(3) = 1(24)/1(24)

3). 18x/24 - 16x/24 + 15/24 = 24/24

4). 18x -16x + 15 = 24

5).  2x + 15 = 24

6). 2x + 15 - 15 = 24 -15

7). 2x = 9

8). 2x/2 = 9/2

9). X = 4 1/2 or x = 4.5