Unit 0, Day 5: Solving Equations by undoing/unbuilding:

Directions: Choose one column of problems to solve (column is VERTICAL/Up-down). You are completing 5 problems.

Please write the equations on a separate sheet of paper. Write the original equation, ask yourself what happened first, second, third, last, and begin undoing that equation by starting from the last step and undoing using inverse operations. Your work can look like the work we did in class today. These equations will only require 2 or 3 steps.

Work until you have solved the equation. Substitute the value you found into the original equation to check your work.

If you want more practice, complete more problems!

1) $\dfrac{f}{5} + 2 = 8$

2) $\dfrac{w}{3} - 5 = 2$

3) $\dfrac{x}{8} + 3 = 12$

4) $\dfrac{5t}{4} + 3 = 18$

5) $\dfrac{3y}{2} - 1 = 8$

6) $\dfrac{2x}{3} + 5 = 12$

7) $\dfrac{t}{5} + 3 = 1$

8) $\dfrac{x+3}{2} = 5$

9) $\dfrac{t-5}{2} = 3$

10) $\dfrac{x+10}{2} = 3$

11) $\dfrac{2x+1}{3} = 5$

12) $\dfrac{5y-2}{4} = 3$

13) $\dfrac{6y+3}{9} = 1$

14) $\dfrac{2x-3}{5} = 4$

15) $\dfrac{5t+3}{4} = 1$