Solving Equations with Fractions Notes

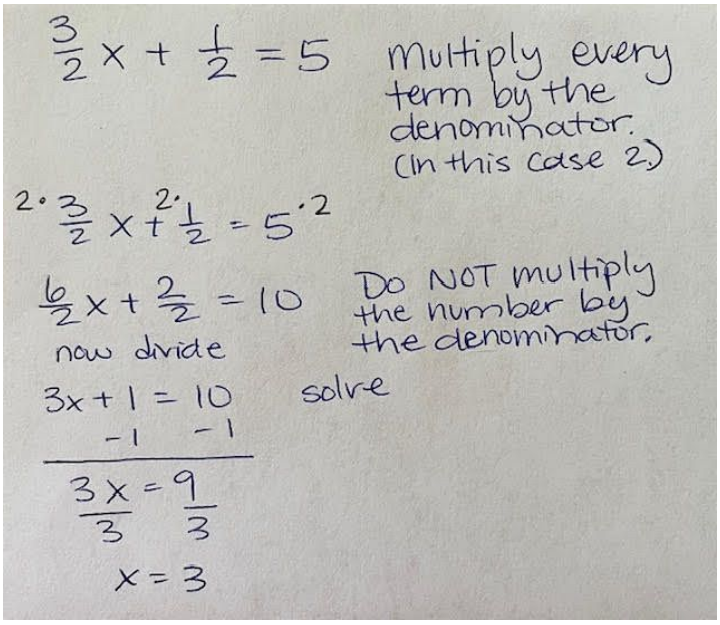
Important Information

- If you have an equation with fractions, you can make an equivalent equation to make it easier to solve.
- Equivalent equations are the same equations, all of the terms are just multiplied or divided by the same number.

Things to remember!

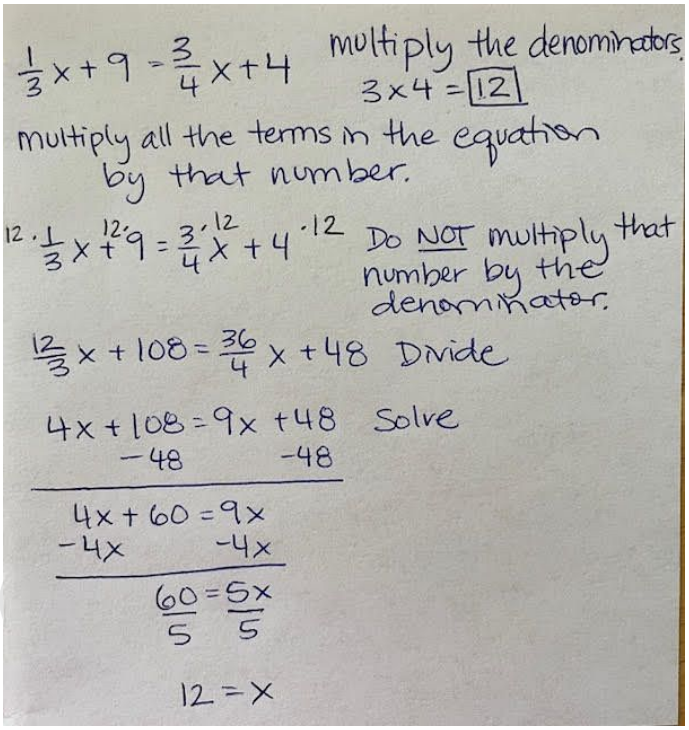
Examples:

- Equations with fractions that are all the same denominator…



Examples:

- Equations with fractions that have different denominators…



Can you do it?

$$\frac{3}{8}x + 2 = \frac{7}{2}$$

Show all work.

The solution is x=4.