

Name _____

(FUN2) The Basics - 3

Today, you will be able to:

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1. Did you know there are two ways to solve $4(x - 5) = 60$?

OPTION #1

$$4(x - 5) = 60$$

OPTION #2

$$4(x - 5) = 60$$

2. Solve using both options:

OPTION #1

$$3(x + 10) = -33$$

OPTION #2

$$3(x + 10) = -33$$

To get rid of a fraction directly next to a variable,

!!

3. $\frac{2}{3}x = 18$

4. $-\frac{1}{4}x = -6$

5. $x - \frac{2}{9} = \frac{5}{9}$

6. $\frac{7}{3}\left(x + \frac{9}{28}\right) = 20$

7. $\frac{x+7}{5} = 12$

8. $\frac{x-2}{3} + \frac{1}{6} = \frac{5}{6}$