LYREAL UJJ

Solving Linear or First Degree Equations in One Variable

Basics Tools:

1. Distributive Property

Fools: ibutive Property
$$\underbrace{5X}, \quad 3(X-2) = 3X-6$$
(3.5) - (3.2)
$$\underbrace{5X}, \quad 3(X-2) = 3X-6$$

2. Addition (and Subtraction) Property of Equality (opposite signs add to zero)

$$5x$$
, $6+(-6)=0$
 $-5+5=0$
 $-2x+2x=0$
 $x+(-x)=0$

3. Multiplication (and Division) Property of Equality (same signs to divide to +1)

$$\frac{5}{2}$$
, $6 * \frac{1}{6} = 1$
 $\frac{-2}{3} * \frac{-5}{2} = 1$
 $\frac{1}{3} * \frac{3}{1} = 1$

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$$\frac{1}{2}$$
)- $\frac{1}{2}$ - $\frac{$