

3/2/20

TWO step w/ distributive

can apply the distributive property and then solve the equation using inverse operations.

Distributive Property

$$4(x + 8) = 40$$

$$4x + 32 = 40$$

$$-32 \quad -32$$

$$\frac{4x}{4} = \frac{8}{4}$$

$$x = 2$$

① Distribute!
Multiply the # on the outside by the #s inside the ()

② Draw the line down the =

③ Get to rid of +/-

④ Get rid of x/÷

EX

$$30 = 6(x + 2)$$

$$30 = 6x + 12$$

$$-12 \quad -12$$

$$\frac{24}{6} = \frac{6x}{6}$$

$$4 = x$$