

A green, textured banner with a white outline and a black shadow, featuring the text "Unit 3" in a bold, black, sans-serif font. The banner is set against a background of light-colored wood planks.

Unit 3

Expressions & Equations

Interactive Notebook

Solving Two-Step Equations with Modeling

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Expressions & Equations

(Solving Two-Step Equations
with Modeling)

I can _____

Solve for x in the following equation:

$$px + q = r$$

Solve the following problem for x : $3x + 4 = 10$

Step 1: Draw

Step 2: Cancel

Step 3: Group

Expressions & Equations

(Solving Two-Step Equations
with Modeling)

On a rating of 1-5, how comfortable
are you with this concept?
(5 is the highest)

1 2 3 4 5

YOUR TURN

Solve the following problem for x : $2x - 3 = -5$

Step 1: Draw

Step 2: Cancel

Step 3: Group

Reflection: I learned...

Expressions & Equations

(Solving Two-Step Equations
with Modeling)

I can solve two-step equations
by using visual models.

Solve for x in the following equation:

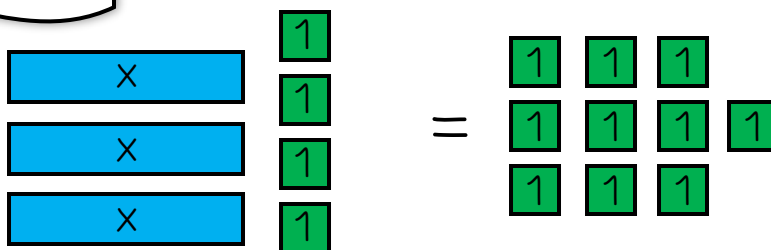
$$px + q = r$$

$$\frac{px}{p} = \frac{r - q}{p}$$

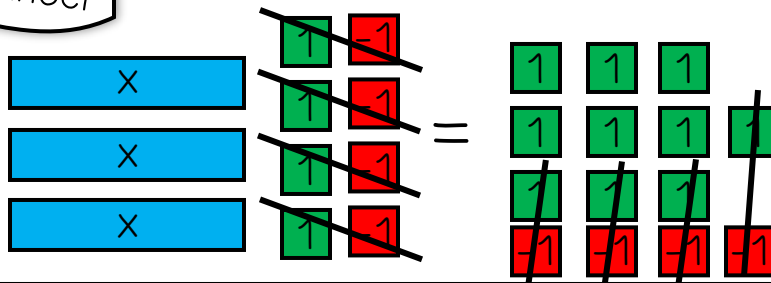
$$x = \frac{1}{p}(r - q)$$

Solve the following problem for x: $3x + 4 = 10$

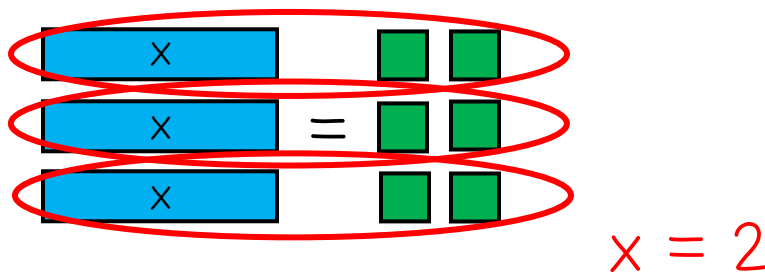
Step 1: Draw



Step 2: Cancel



Step 3: Group



Expressions & Equations

(Solving Two-Step Equations with Modeling)

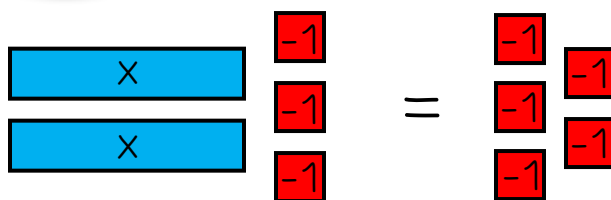
On a rating of 1-5, how comfortable are you with this concept?
(5 is the highest)

1 2 3 4 5

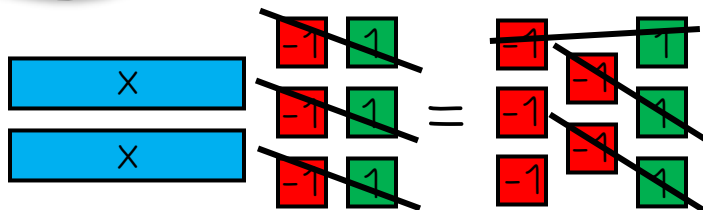
YOUR TURN

Solve the following problem for x : $2x - 3 = -5$

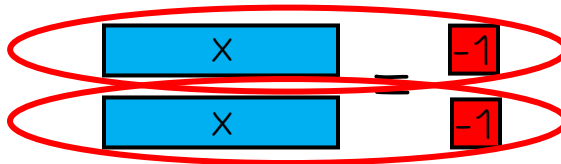
Step 1: Draw



Step 2: Cancel



Step 3: Group



$$x = -1$$

Reflection: I learned...

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Hence,

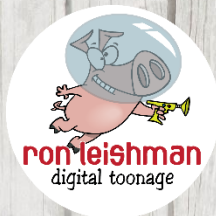
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