

Write Your Own **Total** Problem

Step 1: Draw the graphic organizer

(total)	
(part)	(part)

or write the equation.

$$\mathbf{P1 + P2 = T}$$

Step 2: Choose your topic and add labels.

<i>Money Saved</i>	
(total)	
(part)	(part)
<i>Wallet</i>	<i>Piggy Bank</i>

Wallet *Piggy Bank* *Money Saved*

$$\mathbf{P1 + P2 = T}$$

Step 3: Decide what will be unknown and label it with a question mark. Fill in numbers that make sense.

<i>Money Saved</i>	
\$422.55	
\$120.68	?
<i>Wallet</i>	<i>Piggy Bank</i>

$$\mathbf{P1 + P2 = T}$$

$$120.68 + ? = 422.55$$

Step 4: Write a word problem that matches.

*Nia saved \$422.55. She has \$120.68 in her wallet
and the rest is in her piggy bank.
How much money is in Nia's piggy bank?*

Write Your Own **Difference** Problem

Step 1: Draw the graphic organizer

(greater)	
(lesser)	(difference)

or write the equation.

$$\mathbf{G - L = D}$$

Step 2: Choose your topic and add labels.

<i>Garden B</i>	
(greater)	
(lesser)	(difference)
<i>Garden A</i>	

Garden B
Garden A
Difference

$$\mathbf{G - L = D}$$

Step 3: Decide what will be unknown and label it with a question mark. Fill in numbers that make sense.

<i>Garden B</i>	
$5\frac{1}{4}$	
$3\frac{1}{2}$	?
<i>Garden A</i>	

$$\mathbf{G - L = D}$$

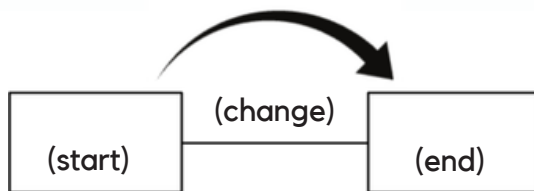
$$5\frac{1}{4} - 3\frac{1}{2} = ?$$

Step 4: Write a word problem that matches.

Garden A covers 3 and one-half square meters.
Garden B covers 5 and one-fourth square meters.
How many more square meters does Garden B cover?

Write Your Own **Change** Problem

Step 1: Draw the graphic organizer

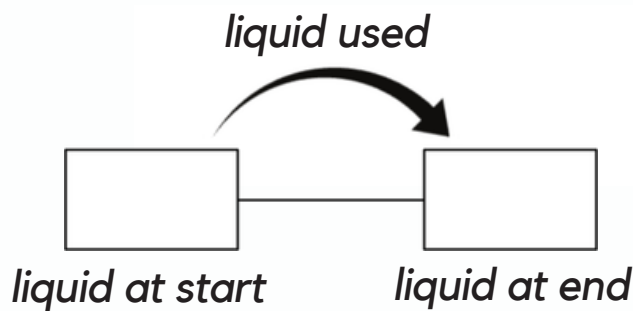


or write the equation.

(increase) $ST + C = E$

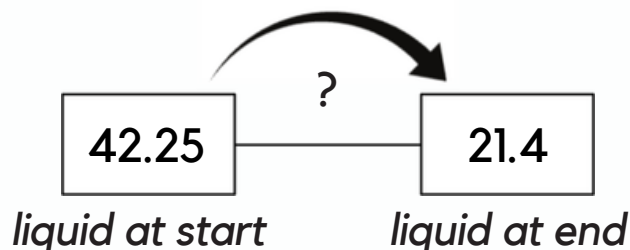
or
(decrease) $ST - C = E$

Step 2: Choose your topic and add labels.



liquid at start
liquid used
liquid at end
 $ST - C = E$

Step 3: Decide what will be unknown and label it with a question mark. Fill in numbers that make sense.



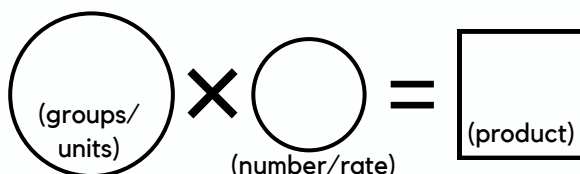
$ST - C = E$
 $42.25 - ? = 21.4$

Step 4: Write a word problem that matches.

A science lab container held 42.25 liters of liquid at the start of the week. By Friday, the container held 21.4 liters of liquid. How much liquid was used during the week?

Write Your Own **Equal Groups** Problem

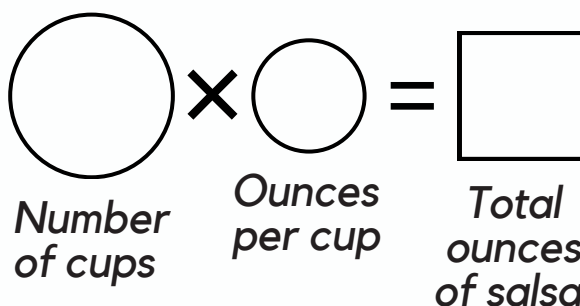
Step 1: Draw the graphic organizer



or write the equation.

$$\mathbf{GR \times N = P}$$

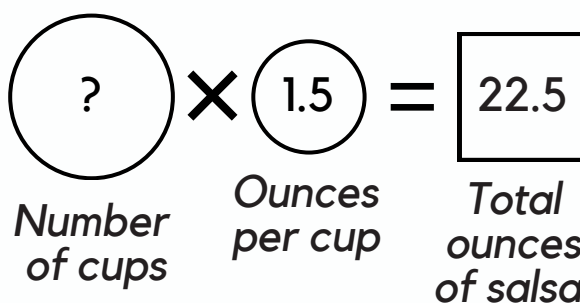
Step 2: Choose your topic and add labels.



Number of Cups
Ounces per cup
Total ounces of salsa

$$\mathbf{GR \times N = P}$$

Step 3: Decide what will be unknown and label it with a question mark. Fill in numbers that make sense.



$$\mathbf{GR \times N = P}$$

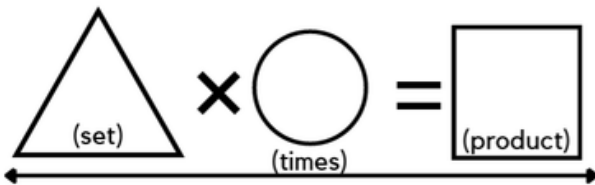
$$\text{?} \times 1.5 = 22.5$$

Step 4: Write a word problem that matches.

*A restaurant has 22.5 ounces of salsa.
They fill each cup with 1.5 ounces of salsa.
How many cups do they have?*

Write Your Own **Set/Comparison** Problem

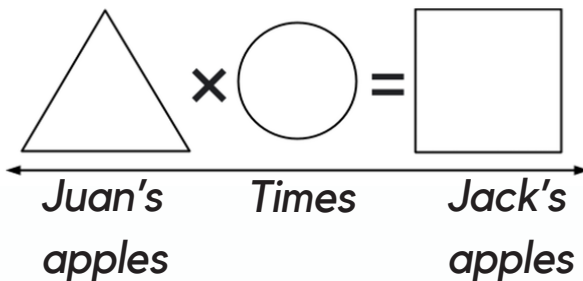
Step 1: Draw the graphic organizer



or write the equation.

$$\mathbf{S \times T = P}$$

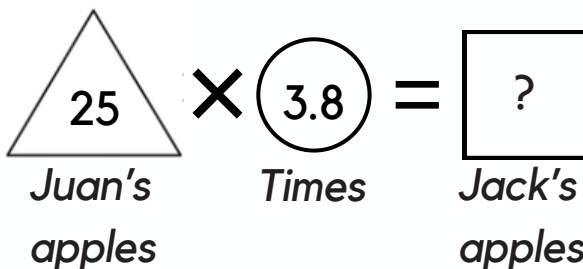
Step 2: Choose your topic and add labels.



Juan's apples
Times
Jack's apples

$$\mathbf{S \times T = P}$$

Step 3: Decide what will be unknown and label it with a question mark. Fill in numbers that make sense.



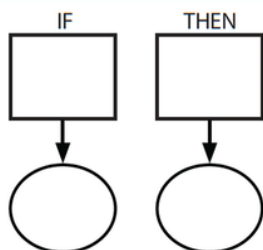
$$\mathbf{S \times T = P}$$
$$25 \times 3.8 = ?$$

Step 4: Write a word problem that matches.

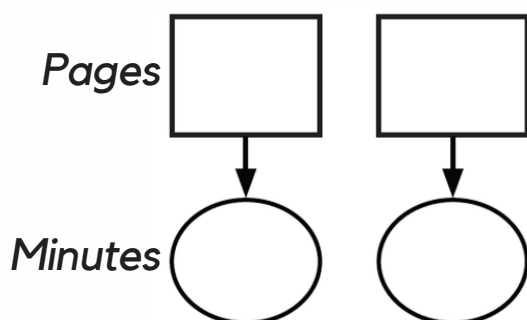
Juan has 25 apples. Jack has 3.8 times as many apples as Juan. How many apples does Jack have?

Write Your Own Ratio/Proportion Problem

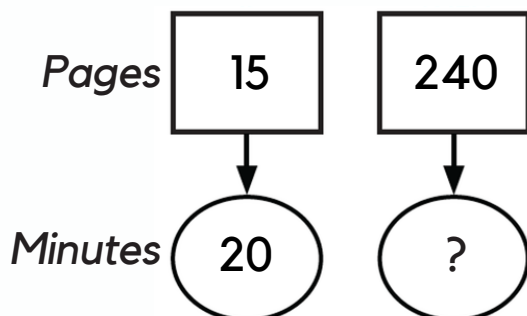
Step 1: Draw the graphic organizer.



Step 2: Choose your topic and add labels.



Step 3: Decide what will be unknown and label it with a question mark. Fill in numbers that make sense.



Step 4: Write a word problem that matches.

Alex reads 15 pages of his library book in 20 minutes. The book has 240 pages. At this rate, how long will it take Alex to finish his book?