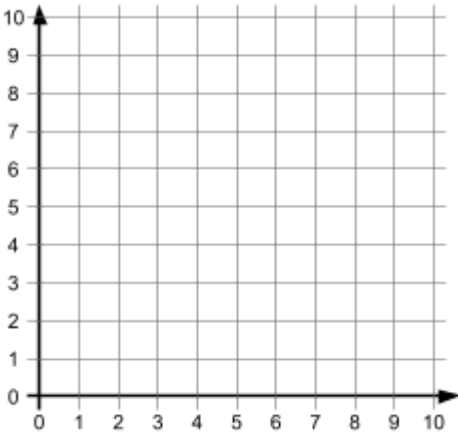


TEMPLATE

TEMPLATE

🏆 Mod 1 - #01 🏆

<p style="text-align: center;">Story</p> <p>alsdjf</p>	<p style="text-align: center;">Table</p> <table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr></tbody></table>	x	y								
x	y										
<p style="text-align: center;">Graph</p> 	<p style="text-align: center;">Constant of Proportionality</p> <p style="text-align: center;">Equation</p>										

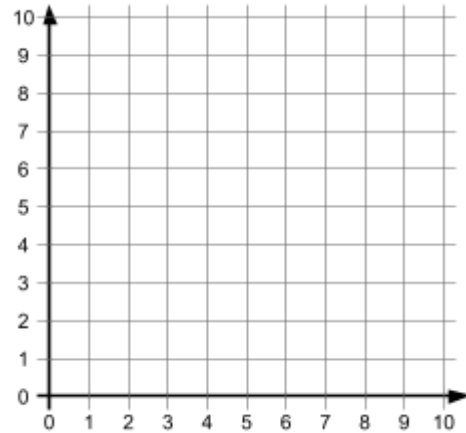
Feedback:

Name: _____

TEMPLATE

🏆 Mod 1 - #01 🏆

<p style="text-align: center;">Story</p> <p>alsdjf</p>	<p style="text-align: center;">Table</p> <table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr></tbody></table>	x	y				
x	y						

<p style="text-align: center;">Graph</p> 

Feedback:

Name

#01 - Prop Rel.

The Great Pizza Dough Debacle

Mod 1 - #01

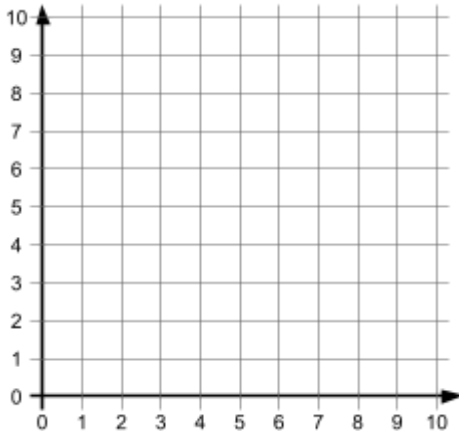
Story

Barry, a wannabe master chef, was determined to make the perfect pizza dough. For every 2 cups of magical flour, he needed 3 cups of water.

Table

f	w

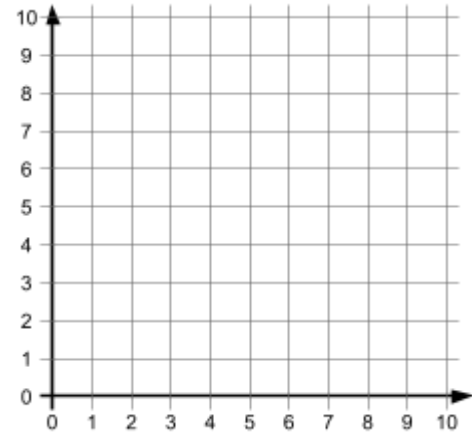
Graph



Constant of Proportionality

How much flour for 30 cups of water?

Graph



Feedback:

Name: _____

Feedback:

Name: _____

The Great Pizza Dough Debacle

Mod 1 - #01

Story

Barry, a wannabe master chef, was determined to make the perfect pizza dough. For every 2 cups of magical flour, he needed 3 cups of water.

Table

f	w

#02 - Prop Rel.

The Mischievous Gummy Bear Factory

Mod 1 - #02

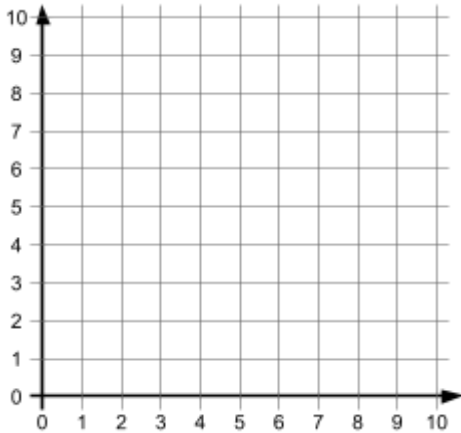
Story

Fizzy Wigglennoodle's gummy bear factory had a weird rule: for every 3 blue gummy bears, there were 4 red ones.

Table

b	r

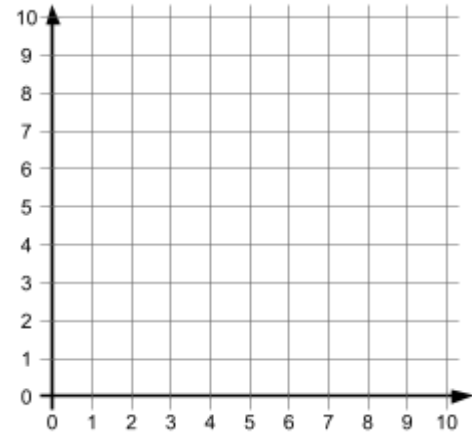
Graph



Constant of Proportionality

Equation

Graph



Feedback:

Name:

Feedback:

Name: _____

The Mischievous Gummy Bear Factory

Mod 1 - #02

Story

Fizzy Wigglennoodle's gummy bear factory had a weird rule: for every 3 blue gummy bears, there were 4 red ones.

Table

b	r

✕ #03 - Prop Rel.

The Minecraft Mining Mission

Mod 1 - #03

Story

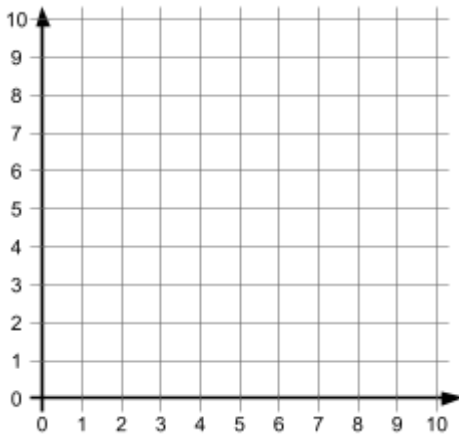
Ava was building a massive castle in Minecraft's Survival Mode and needed a lot of iron ore. She found a proportional relationship between the number of picks she crafted and the amount of iron ore she mined.

For every 2 picks she made, she was able to mine $3\frac{1}{2}$ stacks of iron ore.

Table

_____	_____

Graph

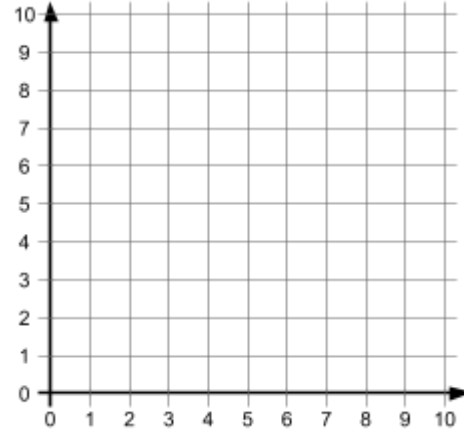


Unit Rate

Equation

For every 2 picks she made, she was able to mine $3\frac{1}{2}$ stacks of iron ore.

Graph



Feedback:

Name: _____

Feedback:

Name: _____

The Minecraft Mining Mission

Mod 1 - #03

Story

Ava was building a massive castle in Minecraft's Survival Mode and needed a lot of iron ore. She found a proportional relationship between the number of picks she crafted and the amount of iron ore she mined.

Table

_____	_____

#04 - Prop Rel.

The Potion Master's Brew

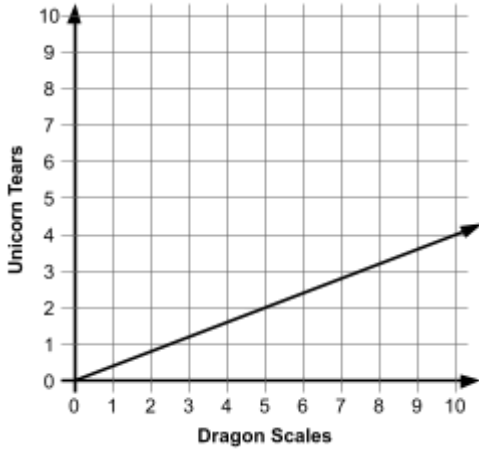
Mod 1 - #04

Story

Griselda the potion master brewed a special "Forgetful" potion. The number of unicorn tears was always proportional to the number of dragon scales she used.

Use the graph below to complete the worksheet.

Graph



Table

_____	_____

How many unicorn tears per dragon scale?

Equation

Feedback:

Name: _____

The Potion Master's Brew

Mod 1 - #04

Story

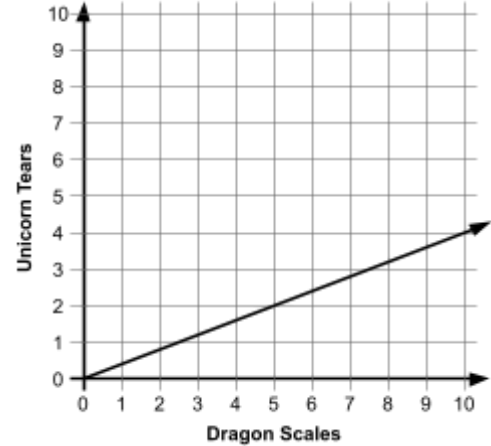
Griselda the potion master brewed a special "Forgetful" potion. The number of unicorn tears was always proportional to the number of dragon scales she used.

Table

_____	_____

Use the graph below to complete the worksheet.

Graph



Feedback:

Name



#05 - Prop Rel.

The Mad Scientist's Slime

Mod 1 - #05

Story

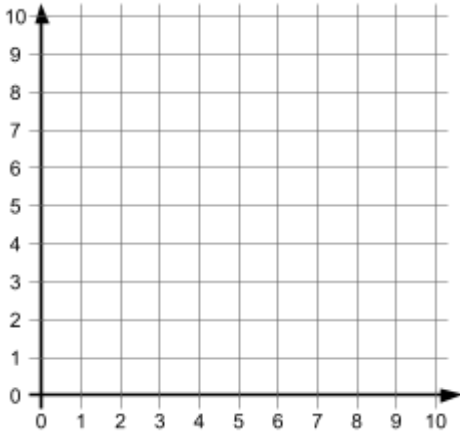
Dr. Puddlesworth, a slightly unhinged scientist, was famous for his slime. The amount of goo (x) he needed was proportional to the amount of shimmer powder (y) he used.

Use the equation below to complete the table, find the unit rate, and graph the proportional relationship.

Table

x	y

Graph



Unit Rate

Equation

$$y = \frac{3}{2}x$$

Feedback:

Name: _____

The Mad Scientist's Slime

Mod 1 - #05

Story

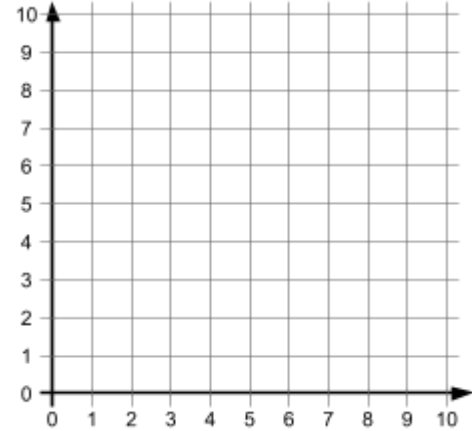
Dr. Puddlesworth, a slightly unhinged scientist, was famous for his slime. The amount of goo (x) he needed was proportional to the amount of shimmer powder (y) he used.

Table

x	y

Use the equation below to complete the table, find the unit rate, and graph the proportional relationship.

Graph



Feedback:

Name: _____



#06 - Prop Rel.

The Grumpy Garden Gnomes

Mod 1 - #06

Story 🍅

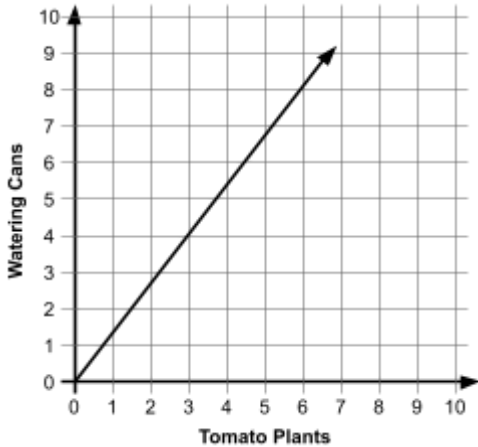
Barnaby the garden gnome was very particular. He insisted on a proportional relationship between the number of tomato plants and the number of watering cans he used.

Use the graph below to complete the table, find the constant of proportionality, and answer the question.

Table

t	w

Graph

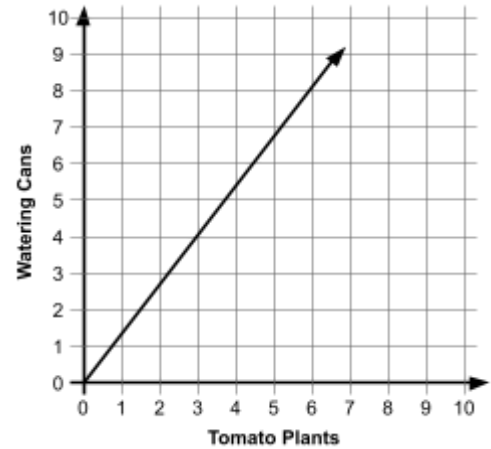


Constant of Proportionality

How many watering cans would be used for 50 tomato plants?

proportionality, and answer the question.

Graph



Feedback:

Name: _____

Feedback:

Name: _____

The Grumpy Garden Gnomes

Mod 1 - #06

Story 🍅

Barnaby the garden gnome was very particular. He insisted on a proportional relationship between the number of tomato plants and the number of watering cans he used.

Use the graph below to complete the table, find the constant of

Table

t	w

 **#07 - Prop Rel.**

The Soccer Star's Goal Streak

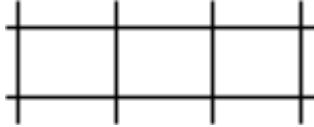
🏆 Mod 1 - #07 🏆

🏈 Story 🏈

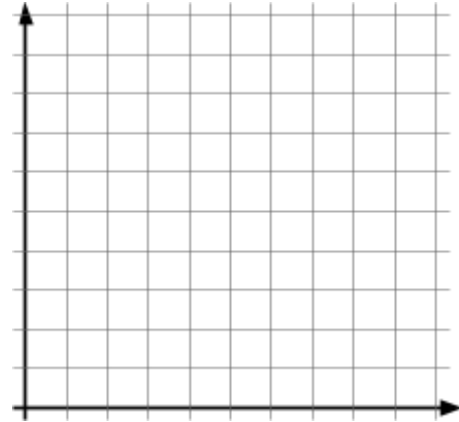
Leo, the star forward for the Wyomissing Wildcats, was in a scoring groove. His coach noticed a proportional relationship between the number of shots he took and the number of goals he scored.

For every 3 shots on goal, he scored 1 goal.

Double # Line

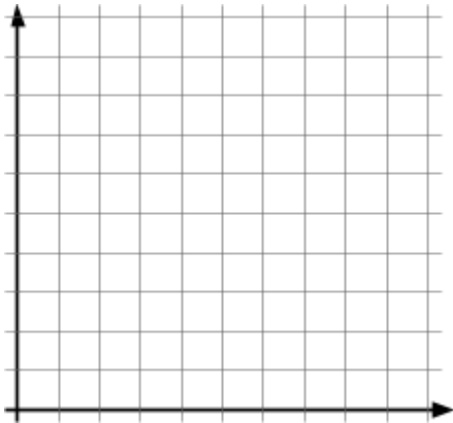


Graph



For every 3 shots on goal, he scored 1 goal.

Graph



Unit Rate

How many goals would Leo score on 12 shots?

Feedback:

Name: _____

Feedback:

Name: _____

The Soccer Star's Goal Streak

🏆 Mod 1 - #07 🏆

🏈 Story 🏈

Leo, the star forward for the Wyomissing Wildcats, was in a scoring groove. His coach noticed a proportional relationship between the number of shots he took and the number of goals he scored.

Double # Line



#08 - Prop Rel.

The Berkshire Mall Shopper's Secret

👤 Mod 1 - #08 👤

🍪 Story 🍪

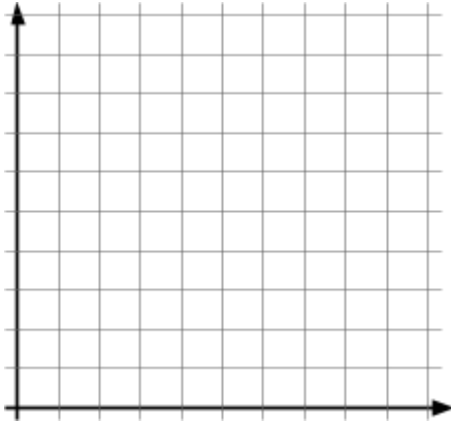
Lola, a dedicated shopper at the Berkshire Mall, noticed a funny proportional relationship. The number of stores she visited was directly proportional to the number of pretzel bites she ate.

For every 2 stores she visited, she ate $2\frac{1}{2}$ pretzel bites from the food court.

Table

x	y

Graph



Constant of Proportionality

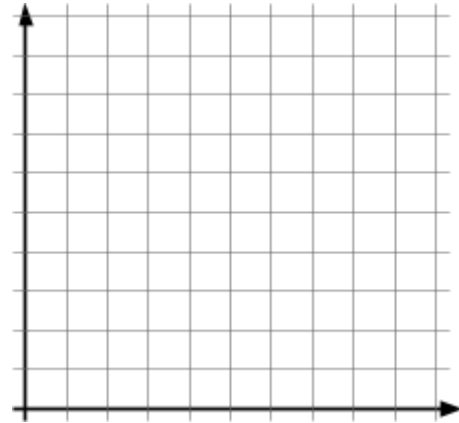
How many pretzel bites will Lola eat after visiting 5 stores?

🍪 Story 🍪

Lola, a dedicated shopper at the Berkshire Mall, noticed a funny proportional relationship. The number of stores she visited was directly proportional to the number of pretzel bites she ate.

For every 2 stores she visited, she ate $2\frac{1}{2}$ pretzel bites from the food court.

Graph



Feedback:

Feedback:

Name _____

Name: _____

The Berkshire Mall Shopper's Secret

👤 Mod 1 - #08 👤



#09 - Prop Rel.

Fortnite's V-Bucks Haul

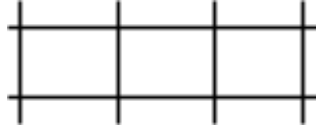
🏆 Mod 1 - #09 🏆

💰 Story 💰

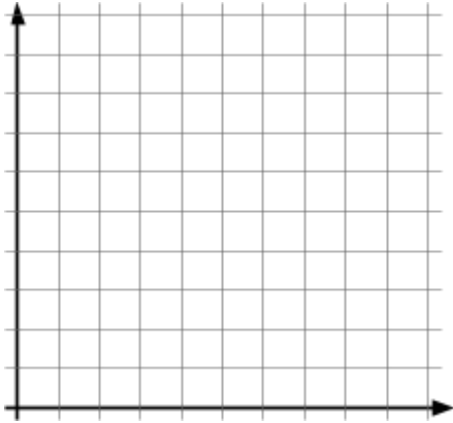
Chad, a seasoned Fortnite player, was saving up for a new skin. He noticed that the amount of V-Bucks he earned was directly proportional to the number of matches he won.

He knew that for every 5 matches he won, he earned 150 V-Bucks.

Double # Line



Graph

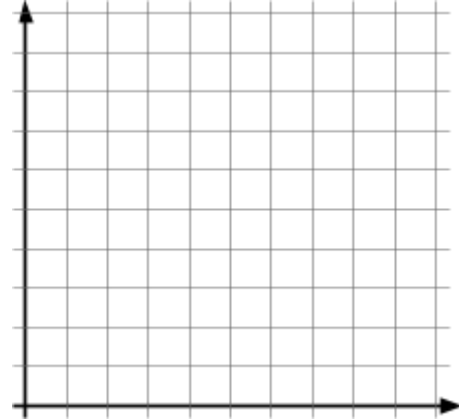


Unit Rate

Equation

He knew that for every 5 matches he won, he earned 150 V-Bucks.

Graph



Feedback:

Name: _____

Feedback:

Name: _____

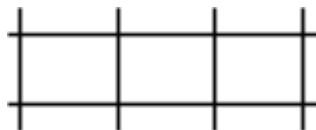
Fortnite's V-Bucks Haul

🏆 Mod 1 - #09 🏆

💰 Story 💰

Chad, a seasoned Fortnite player, was saving up for a new skin. He noticed that the amount of V-Bucks he earned was directly proportional to the number of matches he won.

Double # Line



#10 - Prop Rel.

Captain Calypso's Crazy Cargo

Mod 1 - #10

Story

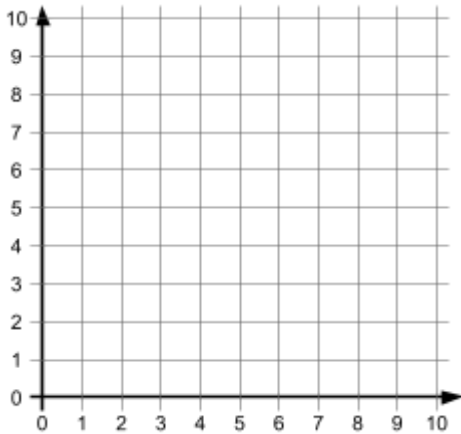
Captain Calypso's cargo was a proportional puzzle.

Use the equation below to complete the table, find the constant of prop., and graph the proportional relationship.

Table

j	g

Graph



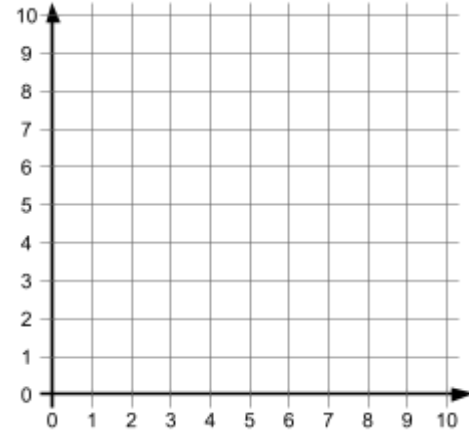
Constant of Proportionality

Equation

$$y = \frac{3}{4}x$$

the proportional relationship.

Graph



Feedback:

Name: _____

Feedback:

Name: _____

Captain Calypso's Crazy Cargo

Mod 1 - #10

Story

Captain Calypso's cargo was a proportional puzzle.

Use the equation below to complete the table, find the constant of prop., and graph

Table

j	g



#11 - Scale Factor

The Baker's Miniature Wedding Cake 🍰

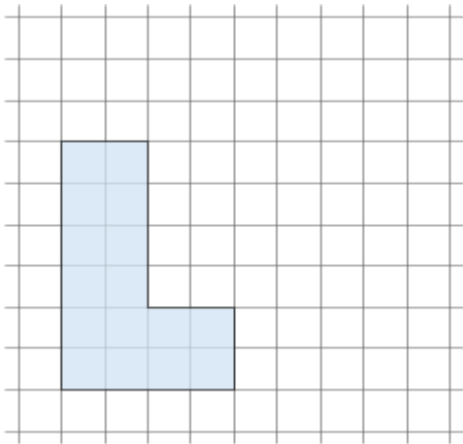
🏆 Mod 1 - #11 🏆

🍰 Story 🍰

Brenda, a perfectionist baker, was practicing for a massive wedding cake order. To make sure her sheet cake was just right, she first baked a tiny model.

Her cake is shown below. The scale factor she used is $\frac{1}{2}$.

Drawing



Table

OG	Scaled

Scale Factor

$$\frac{1}{2}$$

What is the area of the original shape?

Feedback:

Name: _____

The Baker's Miniature Wedding Cake 🍰

🏆 Mod 1 - #11 🏆

🍰 Story 🍰

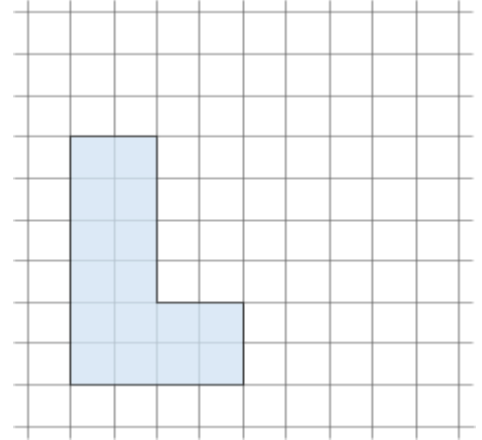
Brenda, a perfectionist baker, was practicing for a massive wedding cake order. To make sure her sheet cake was just right, she first baked a tiny model.

Table

OG	Scaled

Her cake is shown below. The scale factor she used is $\frac{1}{2}$.

Drawing



Feedback:

Name

#12 - Scale Factor

The Architect's Tiny House

Mod 1 - #12

Story

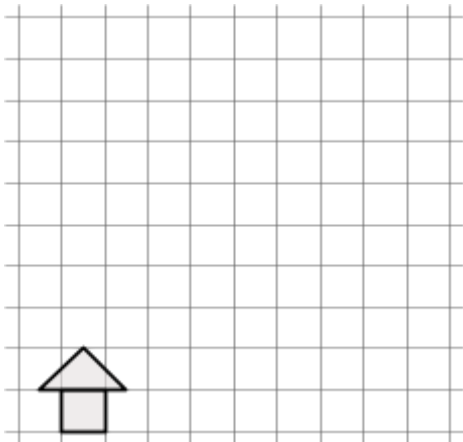
Mr. Gable, a meticulous architect from West Reading, was designing a tiny house. To fit all his ideas on one sheet of paper, he used a scale drawing.

He decided that every 1 unit on his drawing would represent 3 units of the actual house.

Table

Paper	House

Drawing

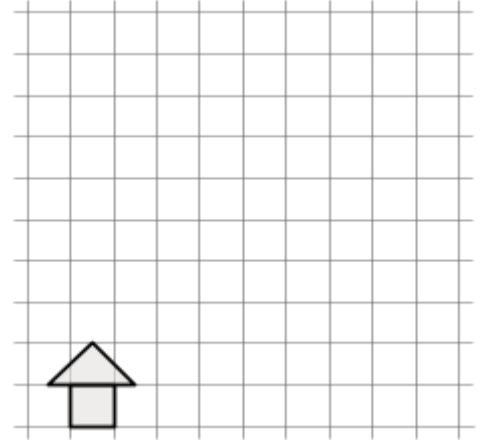


Scale Factor

If the height of the front door is 0.5 units on the drawing, how big is the door on the house?

He decided that every 1 unit on his drawing would represent 3 units of the actual house.

Drawing



Feedback:

Name: _____

Feedback:

Name: _____

The Architect's Tiny House

Mod 1 - #12

Story

Mr. Gable, a meticulous architect from West Reading, was designing a tiny house. To fit all his ideas on one sheet of paper, he used a scale drawing.



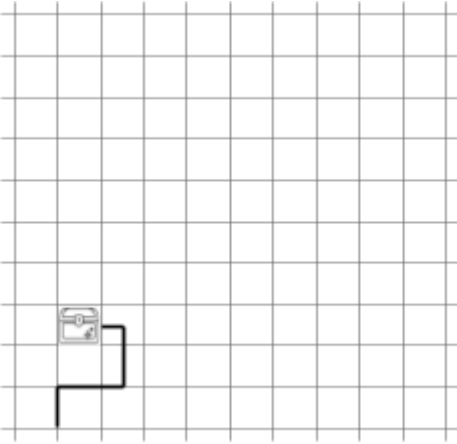
Table

Paper	House

#13 - Scale Factor

The Pirate's Treasure Map

Mod 1 - #13



<p style="text-align: center;"> Story </p> <p>Captain "Two-Toes" Taylor, a notorious pirate, created a map to find his hidden treasure.</p> <p>The map was drawn so that every $1\frac{1}{2}$ units on the map represented 4 steps in the park. His crewmates, who were terrible at math, kept getting lost.</p>	<p style="text-align: center;">Table</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr style="background-color: #e0e0e0;"> <th style="padding: 5px;">Map</th> <th style="padding: 5px;">Steps</th> </tr> </thead> <tbody> <tr><td style="height: 20px;"> </td><td> </td></tr> <tr><td style="height: 20px;"> </td><td> </td></tr> <tr><td style="height: 20px;"> </td><td> </td></tr> <tr><td style="height: 20px;"> </td><td> </td></tr> </tbody> </table>	Map	Steps								
Map	Steps										
<p style="text-align: center;">Drawing</p> <div style="text-align: center;">  </div>	<p style="text-align: center;">Scale Factor</p> <p style="text-align: center;">If the map shows 15 units to the treasure, what is the actual distance?</p>										

Feedback:

Name: _____

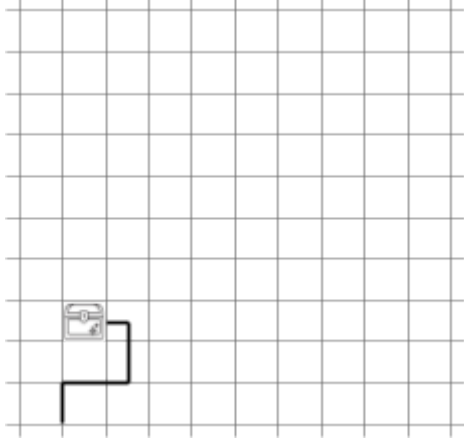
The Pirate's Treasure Map

Mod 1 - #13

<p style="text-align: center;"> Story </p> <p>Captain "Two-Toes" Taylor, a notorious pirate, created a map to find his hidden treasure.</p> <p>The map was drawn so that every $1\frac{1}{2}$ inches on the map represented</p>	<p style="text-align: center;">Table</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr style="background-color: #e0e0e0;"> <th style="padding: 5px;">Map</th> <th style="padding: 5px;">Steps</th> </tr> </thead> <tbody> <tr><td style="height: 20px;"> </td><td> </td></tr> <tr><td style="height: 20px;"> </td><td> </td></tr> </tbody> </table>	Map	Steps				
Map	Steps						

4 steps in the park. His crewmates, who were terrible at math, kept getting lost.

Drawing



Feedback:

Name



#14 - Scale Factor

The Giggle-Generating Robot Builder

🏆 Mod 1 - #14 🏆

Story

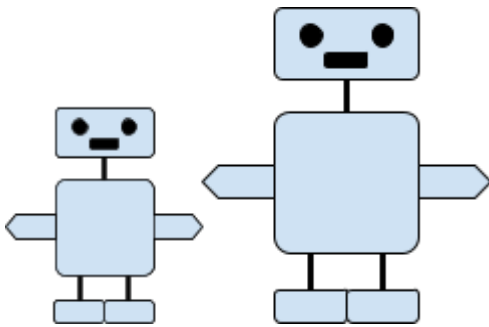
Professor Pipkin was building a giant robot that was supposed to tell jokes, but he kept making the parts too small! He finally decided on a strict scale for his blueprints.

Use the image below, and a ruler, to complete the Math Rep!

Table

Original	Full Size

Drawing



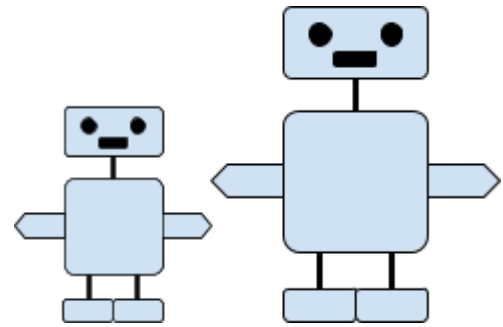
Scale Factor

Equation

Feedback:

Name: _____

Drawing



Feedback:

Name

The Giggle-Generating Robot Builder

🏆 Mod 1 - #14 🏆

Story

Professor Pipkin was building a giant robot that was supposed to tell jokes, but he kept making the parts too small! He finally decided on a strict scale for his blueprints.

Use the image below, and a ruler, to complete the Math Rep!

Table

Original	Full Size

SLOT - Review

Phil's Run-draiser

Mod 1 - Review



Story

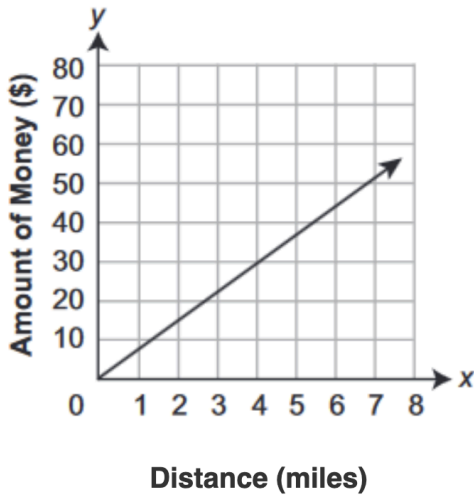


Phil is running to raise money. The amount of money (y), in dollars, he raises is based on the distance (x), in miles, he runs. Phil has an initial donation that he has received regardless of how many miles he runs. The graph shown below models the amount of money Phil will raise based on the distance he runs.

Table

x	y

Phil's Running Donations

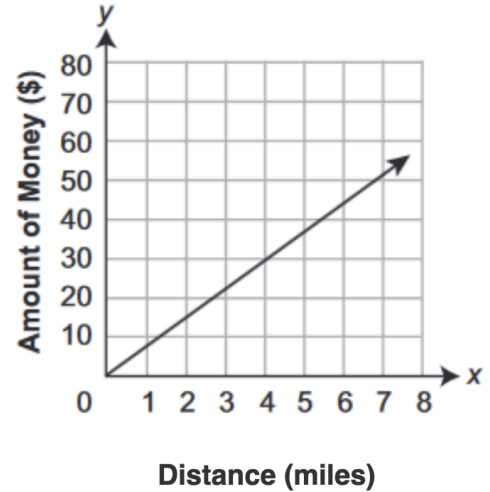


Constant of Proportionality

Write an equation to represent the money raised (y) after running miles (x).

models the amount of money Phil will raise based on the distance he runs.

Phil's Running Donations



Feedback:

Name: _____

Feedback:

Name: _____

Phil's Run-draiser

Mod 1 - Review



Story



Phil is running to raise money. The amount of money (y), in dollars, he raises is based on the distance (x), in miles, he runs. Phil has an initial donation that he has received regardless of how many miles he runs. The graph shown below

Table

x	y



SLOT - DK

Printing Pages

Mod 1 - DK

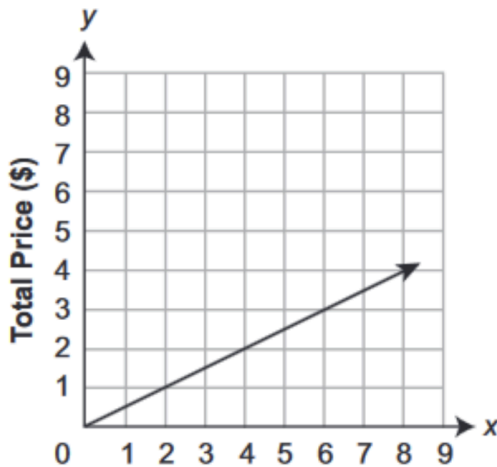
Story

The graph below shows the relationship between the number of pages printed (x) at a print shop and the total price (y), in dollars.

Table

x	y

Print Shop Prices

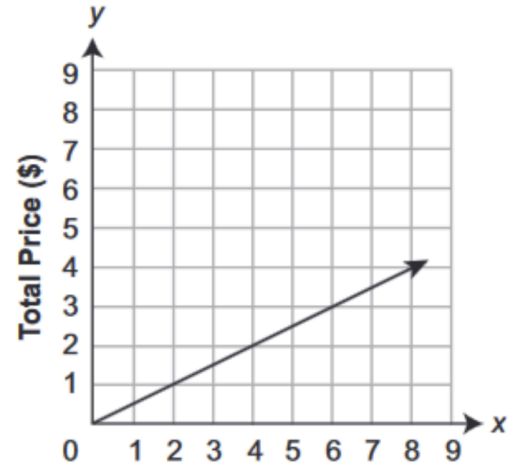


Number of Pages Printed

Unit Rate

Write an equation to represent the total price (y) when (x) pages are printed.

Print Shop Prices



Number of Pages Printed

Feedback:

Name: _____

Feedback:

Name: _____

Printing Pages

Mod 1 - #DK

Story

The graph below shows the relationship between the number of pages printed (x) at a print shop and the total price (y), in dollars.

Table

x	y