TEMPLATE

TEMPLATE

Mod 1 - #01

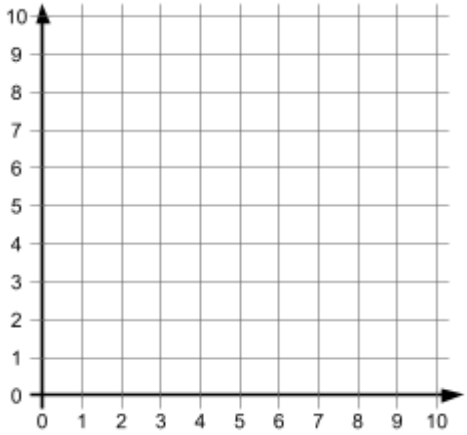
Story

alsdjf

Table

x	y

Graph



Constant of Proportionality

Equation

Feedback:

Name:_____

TEMPLATE

Mod 1 - #01

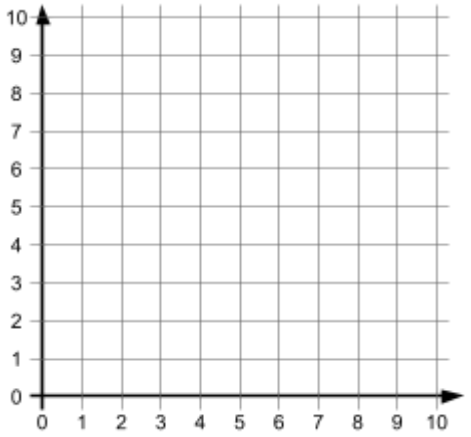
Story

alsdjf

Table

x	y

Graph



Feedback:

Name

🍕 #01 - Prop Rel.

The Great Pizza Dough Debacle

🏋 Mod 1 - #01 🏋

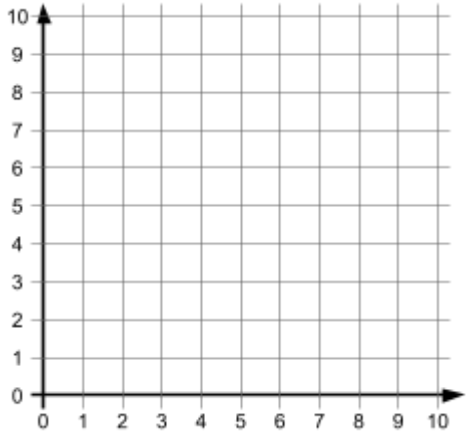
🍕 Story 🍕

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?

Feedback:

Name:_____

The Great Pizza Dough Debacle

🏋 Mod 1 - #01 🏋

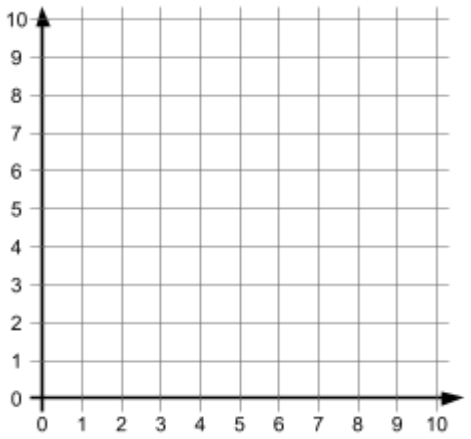
🍕 Story 🍕

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

Graph



Feedback:

Name

🐻 #02 - Prop Rel.

The Mischievous Gummy Bear Factory

🏋️ **Mod 1 - #02** 🏋️

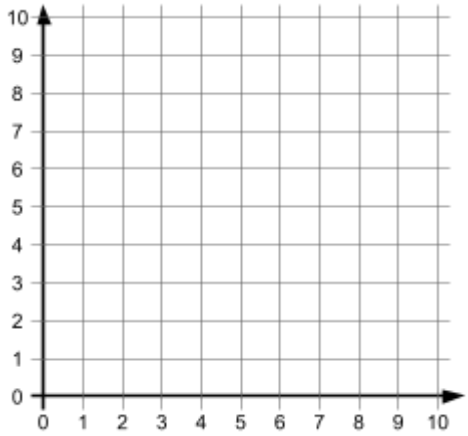
🐻 Story 🐻

Fizzy Wigglenoodle'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

Feedback:

Name:_____

The Mischievous Gummy Bear Factory

🏋️ **Mod 1 - #02** 🏋️

🐻 Story 🐻

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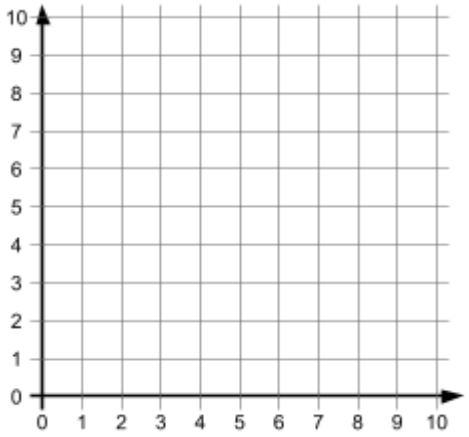
Table

b	r

Graph



Feedback:

Name

⛏ #03 - Prop Rel.

The Minecraft Mining Mission

🏋️ **Mod 1 - #03** 🏋️

⛏ Story 🟫

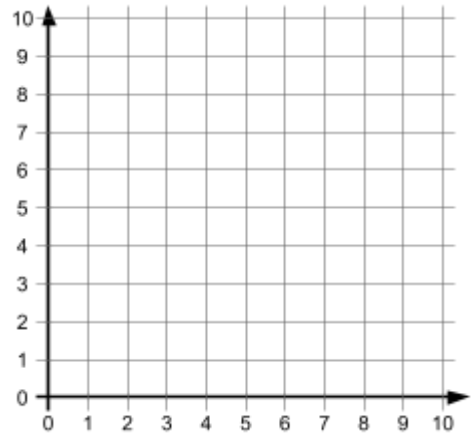
Ava was building a massive castle in Minecraft's Survival Mode and needed a lot of iron ore. She found a proportional relationship between the number of picks she crafted and the amount of iron ore she mined.

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

Table

____	____

Graph



Unit Rate

Equation

Feedback:

Name:_____

The Minecraft Mining Mission

🏋️ **Mod 1 - #03** 🏋️

⛏ Story 🟫

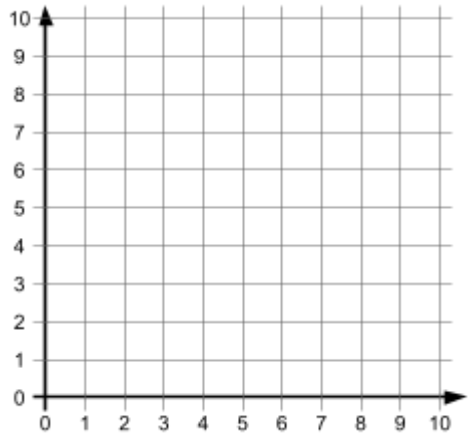
Ava was building a massive castle in Minecraft's Survival Mode and needed a lot of iron ore. She found a proportional relationship between the number of picks she crafted and the amount of iron ore she mined.

Table

____	____

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

Graph



Feedback:

Name

🦄 #04 - Prop Rel.

The Potion Master's Brew

🏋️ **Mod 1 - #04** 🏋️

🦄 Story 🐉

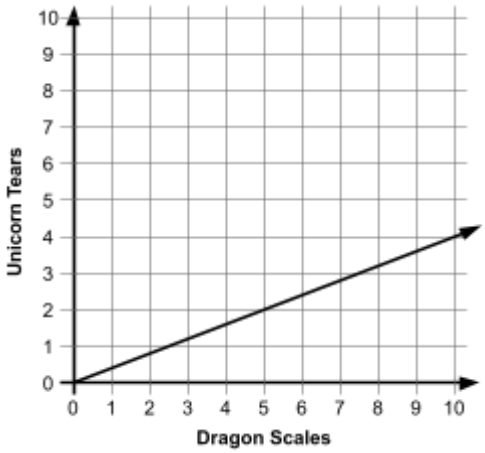
Griselda the potion master brewed a special "Forgetful" potion. The number of unicorn tears was always proportional to the number of dragon scales she used.

Use the graph below to complete the worksheet.

Table

____	____

Graph



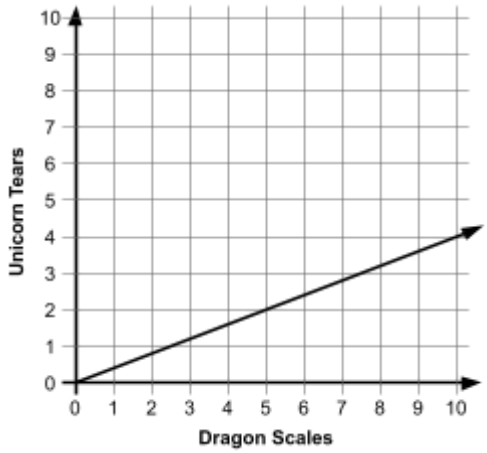
How many unicorn tears per dragon scale?

Equation

Feedback:

Use the graph below to complete the worksheet.

Graph



Feedback:

Name

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

____	____

🧑‍🍼 #05 - Prop Rel.

The Mad Scientist's Slime

🏋️ **Mod 1 - #05** 🏋️

🧑‍🔬 Story 🧪

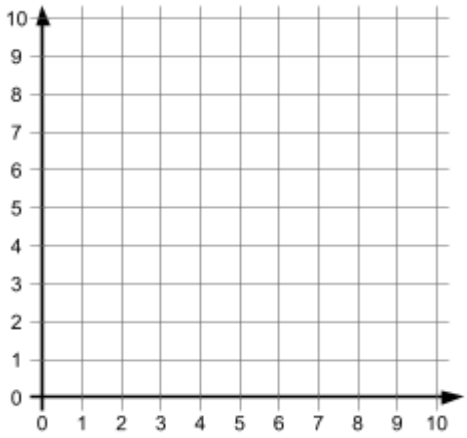
Dr. Puddlesworth, a slightly unhinged scientist, was famous for his slime. The amount of goo (x) he needed was proportional to the amount of shimmer powder (y) he used.

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

Table

x	y

Graph



Unit Rate

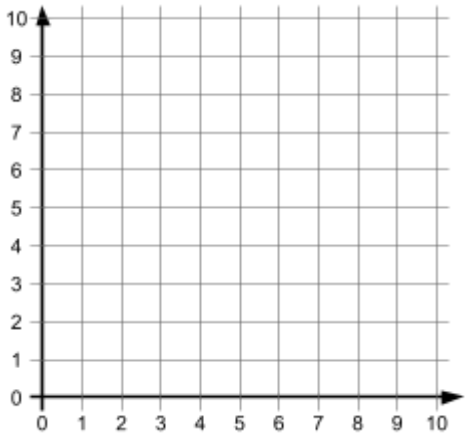
Equation

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

Feedback:

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

Graph



Feedback:

Name

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

🧙🏼 #06 - Prop Rel.

The Grumpy Garden Gnomes

🏋️ **Mod 1 - #06** 🏋️

🧙 Story 🍅

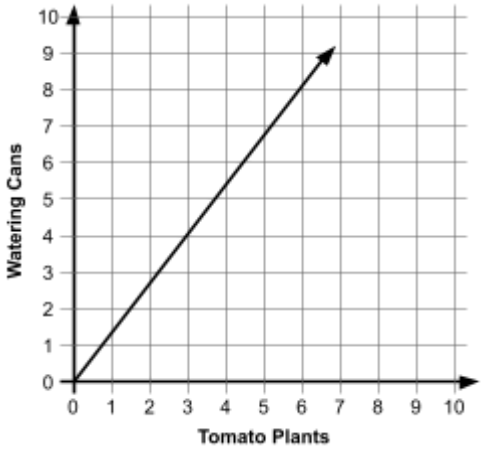
Barnaby the garden gnome was very particular. He insisted on a proportional relationship between the number of tomato plants and the number of watering cans he used.

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

Table

t	w

Graph



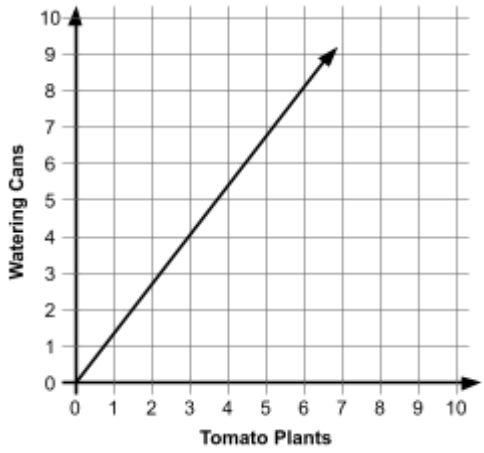
Constant of Proportionality

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

Feedback:

proportionality, and answer the question.

Graph



Feedback:

Name

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.

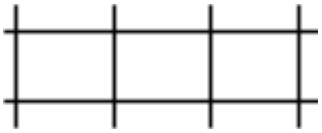
The Soccer Star's Goal Streak

🏋️ **Mod 1 - #07** 🏋️

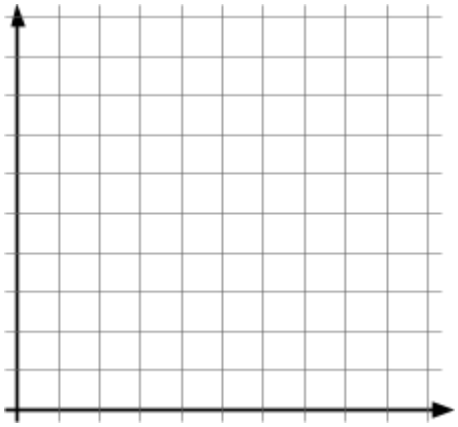
⚽ Story 🥅

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



Unit Rate

How many goals would Leo score on 12 shots?

Feedback:

Name:_____

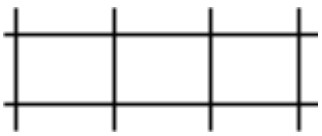
The Soccer Star's Goal Streak

🏋️ **Mod 1 - #07** 🏋️

⚽ Story 🥅

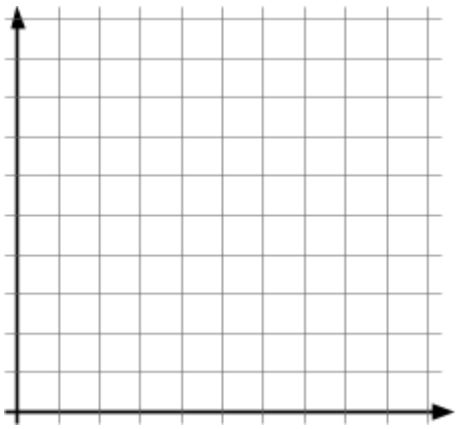
Leo, the star forward for the Wyomissing Wildcats, was in a scoring groove. His coach noticed a proportional relationship between the number of shots he took and the number of goals he scored.

Double # Line



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

Graph



Feedback:

Name

🥨 #08 - Prop Rel.

The Berkshire Mall Shopper's Secret

🏋 **Mod 1 - #08** 🏋

🥨 Story 🥨

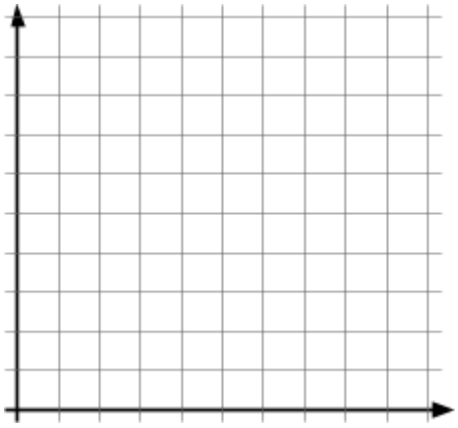
Lola, a dedicated shopper at the Berkshire Mall, noticed a funny proportional relationship. The number of stores she visited was directly proportional to the number of pretzel bites she ate.

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?

Feedback:

Name:_____

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.

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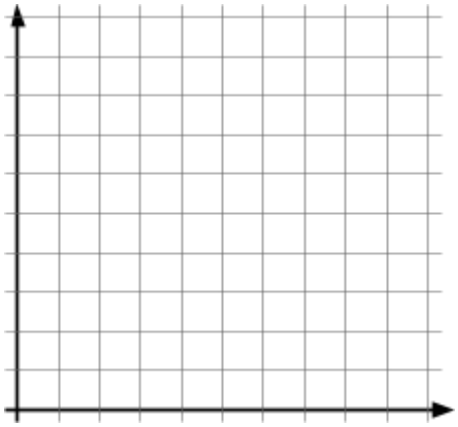
Graph



Feedback:

Name

💰 #09 - Prop Rel.

Fortnite's V-Bucks Haul

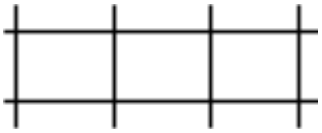
🏋️ **Mod 1 - #09** 🏋️

💰 Story 💰

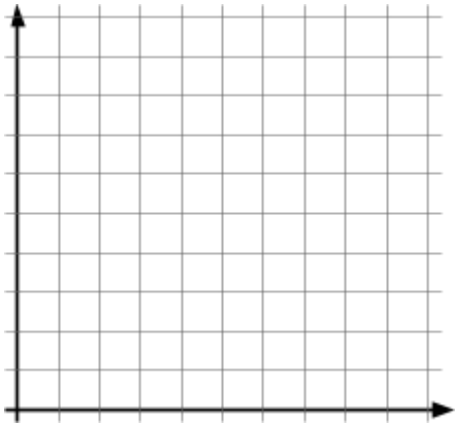
Chad, a seasoned Fortnite player, was saving up for a new skin. He noticed that the amount of V-Bucks he earned was directly proportional to the number of matches he won.

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

Double # Line



Graph



Unit Rate

Equation

Feedback:

Name:_____

Fortnite's V-Bucks Haul

🏋️ **Mod 1 - #09** 🏋️

💰 Story 💰

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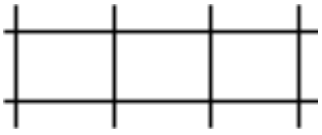
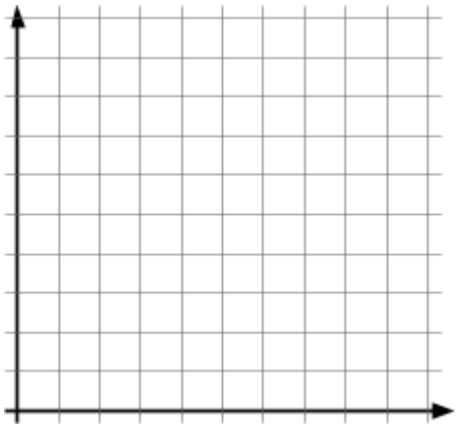
Double # Line



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

Graph



Feedback:

Name

#10 - Prop Rel.

Captain Calypso's Crazy Cargo

🏋 **Mod 1 - #10** 🏋

🏴‍☠️ Story 🦜

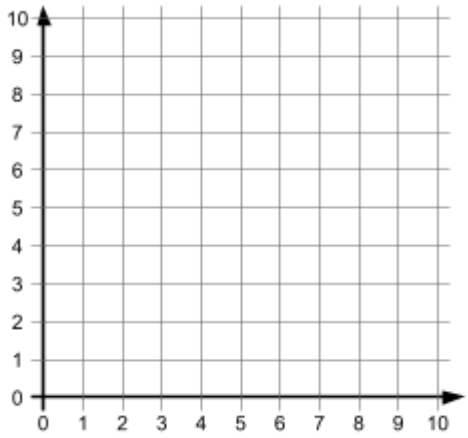
Captain Calypso's cargo was a proportional puzzle.

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

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

Feedback:

Name:_____

Captain Calypso's Crazy Cargo

🏋 **Mod 1 - #10** 🏋

🏴‍☠️ Story 🦜

Captain Calypso's cargo was a proportional puzzle.

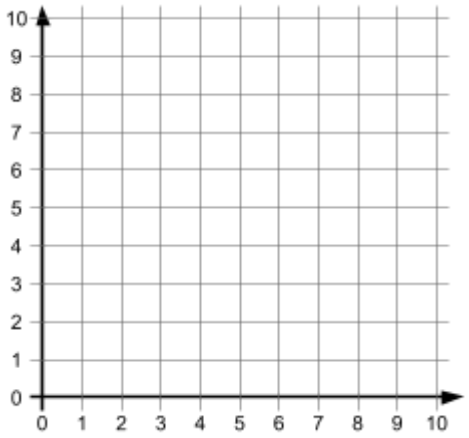
Use the equation below to complete the table, find the constant of prop., and graph

Table

j	g

the proportional relationship.

Graph



Feedback:

Name

🎂 #11 - Scale Factor

The Baker's Miniature Wedding Cake

Mod 1 - #11

Story

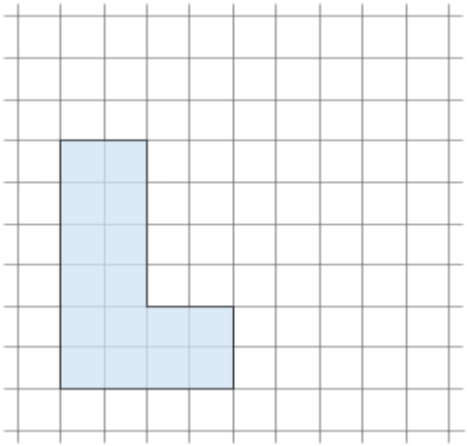
Brenda, a perfectionist baker, was practicing for a massive wedding cake order. To make sure her sheet cake was just right, she first baked a tiny model.

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

Table

OG	Scaled

Drawing



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

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OG	Scaled

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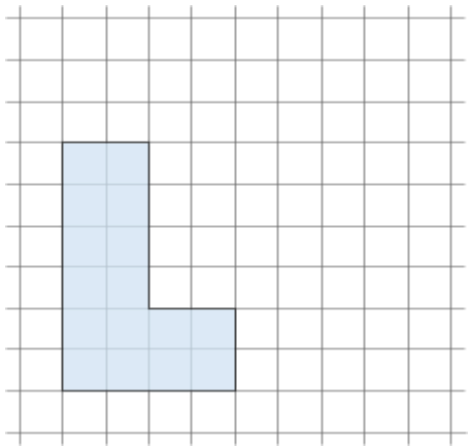
Drawing



Feedback:

Name

🏠 #12 - Scale Factor

The Architect's Tiny House

🏋️ **Mod 1 - #12** 🏋️

🏠 Story 📏

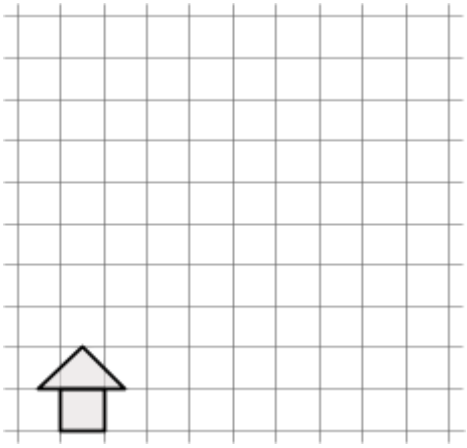
Mr. Gable, a meticulous architect from West Reading, was designing a tiny house. To fit all his ideas on one sheet of paper, he used a scale drawing.

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?

Feedback:

Name:_____

The Architect's Tiny House

🏋️ **Mod 1 - #12** 🏋️

🏠 Story 📏

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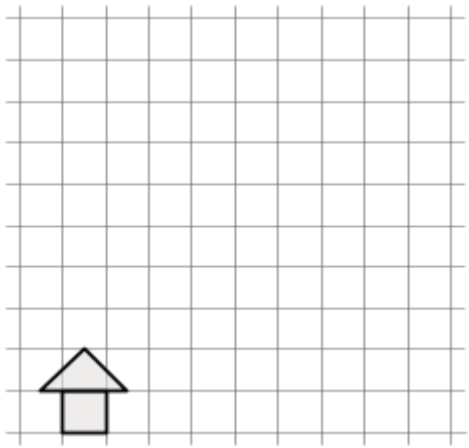
Paper	House

Drawing



Feedback:

Name

#13 - Scale Factor

The Pirate's Treasure Map

Mod 1 - #13

Story

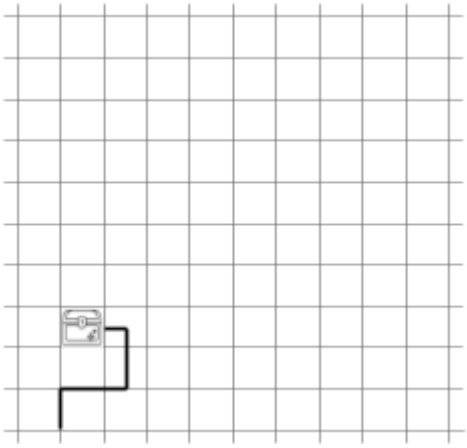
Captain "Two-Toes" Taylor, a notorious pirate, created a map to find his hidden treasure.

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.

Table

Map	Steps

Drawing



Scale Factor

If the map shows 15 units to the treasure, what is the actual distance?

Feedback:

Name:_____

The Pirate's Treasure Map

Mod 1 - #13

Story

Captain "Two-Toes" Taylor, a notorious pirate, created a map to find his hidden treasure.

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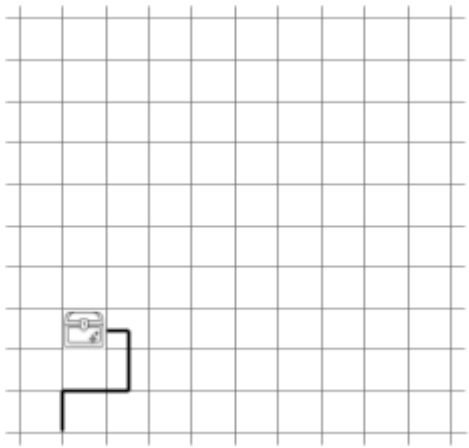
Table

Map	Steps

Drawing



Feedback:

Name

🤖 #14 - Scale Factor

The Giggle-Generating Robot Builder

🏋️ Mod 1 - #14 🏋️

🤖 Story 🤖

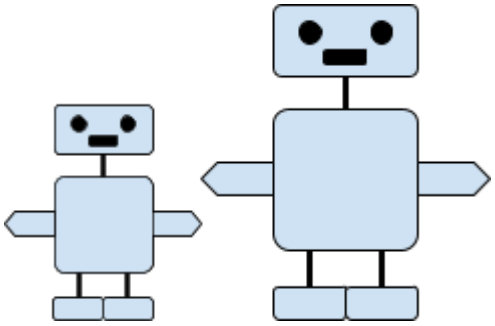
Professor Pipkin was building a giant robot that was supposed to tell jokes, but he kept making the parts too small! He finally decided on a strict scale for his blueprints.

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

Table

Original	Full Size

Drawing



Scale Factor

Equation

Feedback:

Name:_____

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.

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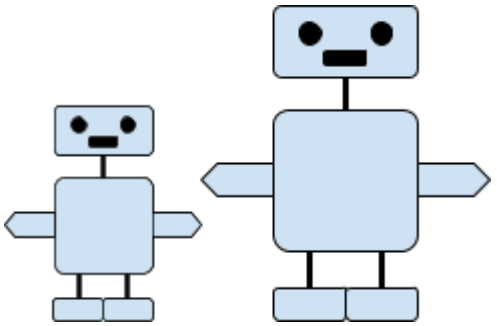
Drawing



Feedback:

Name

SLOT - Review

Phil's Run-draiser

🏋️ Mod 1 - Review 🏋️

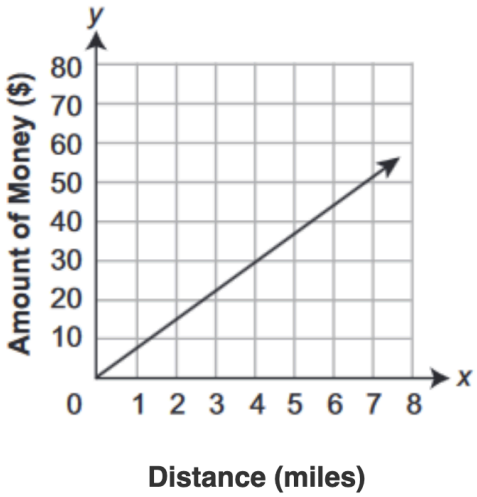
🏃 Story 💵

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).

Feedback:

Name:_____

Phil's Run-draiser

🏋️ Mod 1 - Review 🏋️

🏃 Story 💵

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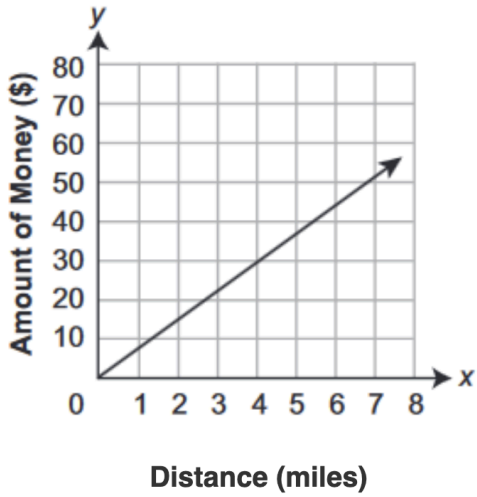
Phil's Running Donations



Feedback:

Name

SLOT - DK

Printing Pages

🏋 Mod 1 - DK 🏋

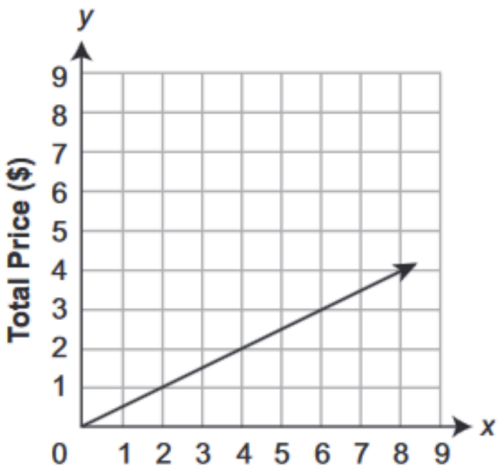
🖨 Story 🖨

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



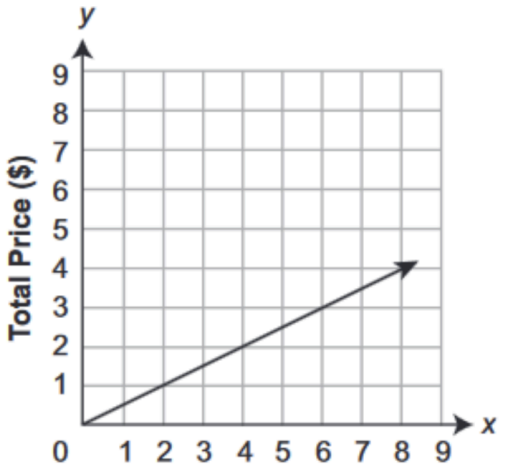
Number of Pages Printed

Unit Rate

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

Feedback:

Print Shop Prices



Number of Pages Printed

Feedback:

Name

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.

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x	y