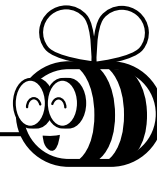
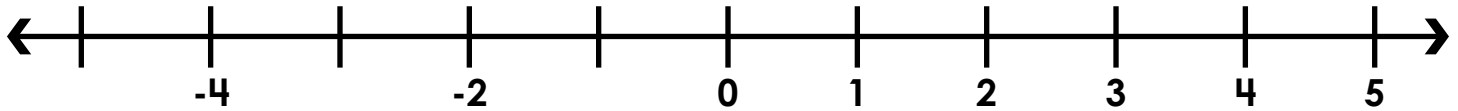


Name: _____



Math Buzz

Fill in the number line. Then show how to solve $2 - 3$ on the number line.



A recipe requires $\frac{3}{4}$ scoop of sugar for one glass of lemonade. If you want to make 5 glasses of lemonade, how many scoops of sugar will you use?

Draw a model to help you solve.

Is $j = 4$ a solution to this equation?
Explain.

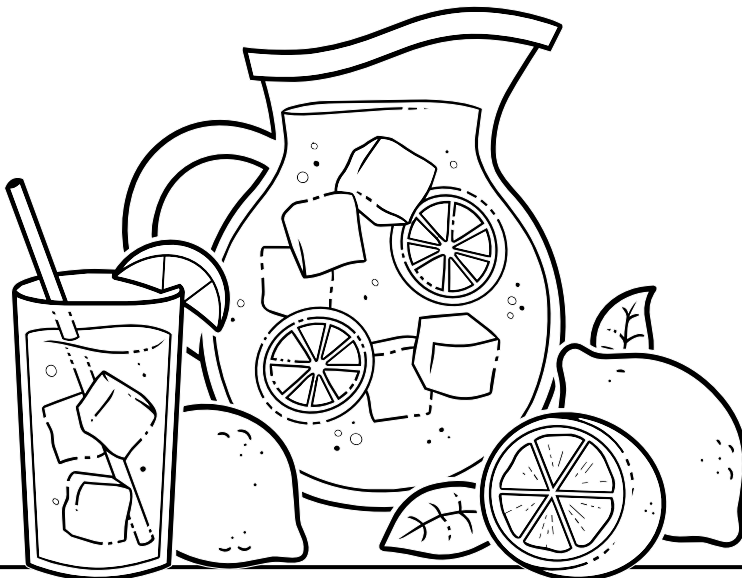
$$2 = j - 4$$



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answer: _____

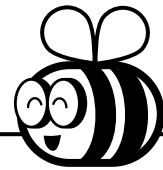


$$\bullet 2^2 + (3 + 1)$$

$$\bullet 5(2) - \frac{400}{200}$$

Write three more ways.

Name: _____



Math Buzz

Megan recorded the number of ounces of formula her baby consumed in a day.

Time	Ounces
5:00 a.m.	$2\frac{1}{2}$
8:00 a.m.	$1\frac{3}{4}$
11:00 a.m.	$1\frac{1}{2}$
2:00 p.m.	$2\frac{1}{2}$

Round to the nearest tenth.

2.63 _____

0.87 _____

4.053 _____

82.489 _____

Mateo used unit cubes to build a right rectangular prism with a volume of 32 cubic units. The



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Select all the expressions that are
less than $2\frac{1}{2}$.

☐ **a** $2\frac{1}{2} \times 1$

☐ **b** $2\frac{1}{2} \times \frac{3}{2}$

☐ **c** $2\frac{1}{2} \times \frac{1}{8}$

☐ **d** $2\frac{1}{2} \times \frac{1}{2}$

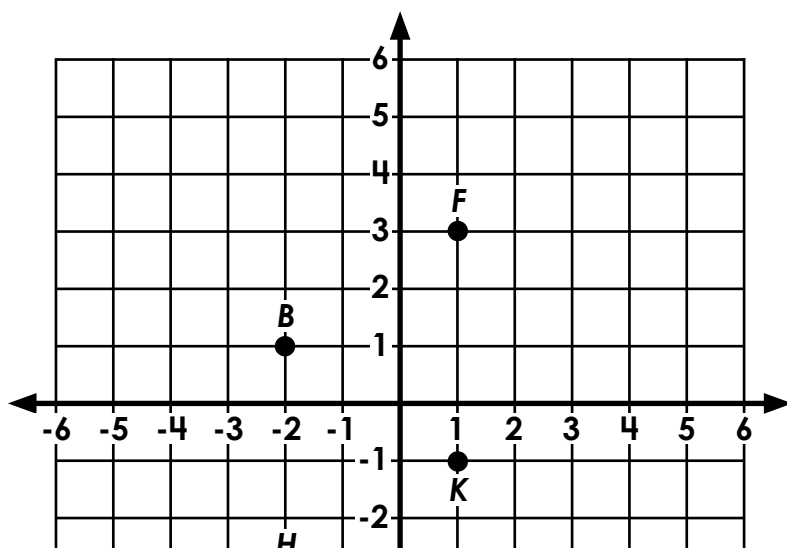
☐ **e** $2\frac{1}{2} \times 2$

☐ **f** $2\frac{1}{2} \times \frac{1}{5}$

Name: _____



Math Buzz



Which point is in Quadrant I?

Which point is in Quadrant II?

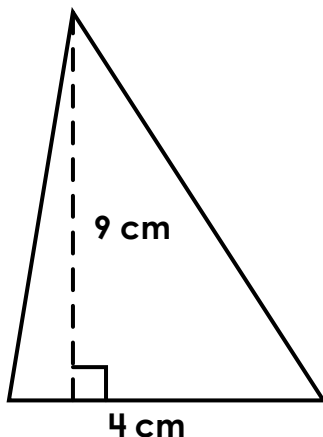
Which point is in Quadrant III?



Preview

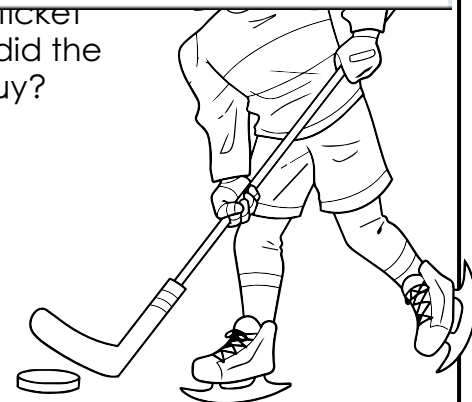
Please log in to download
the printable version of this worksheet.

Use the formula $A = \frac{1}{2}bh$ to
calculate the answer.



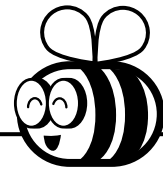
game. The price of each ticket
is \$96. How many tickets did the
owner of the company buy?

answer: _____



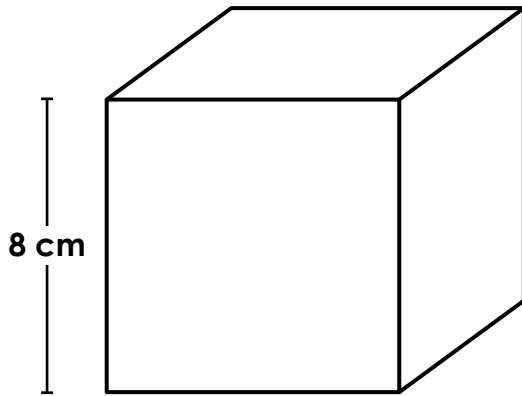
Danyun drew a four-sided shape that had
exactly one pair of parallel lines and two right
angles. List three ways the shape Danyun drew
could be classified.

Name: _____



Math Buzz

What is the volume, in cubic centimeters, of the cube shown below?



Jamar made \$250 each week mowing lawns during the summer. He worked w weeks in the summer.

Write an expression to show how much Jamar made during the summer.



Preview

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Use the terms in the word bank to complete the sentences. The terms will be used more than once.

positive

negative

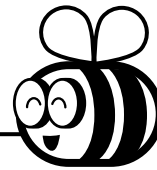
opposite

_____ numbers are numbers less than zero.

Numbers that are the same distance away from zero but in _____ directions
are _____ numbers on number lines.

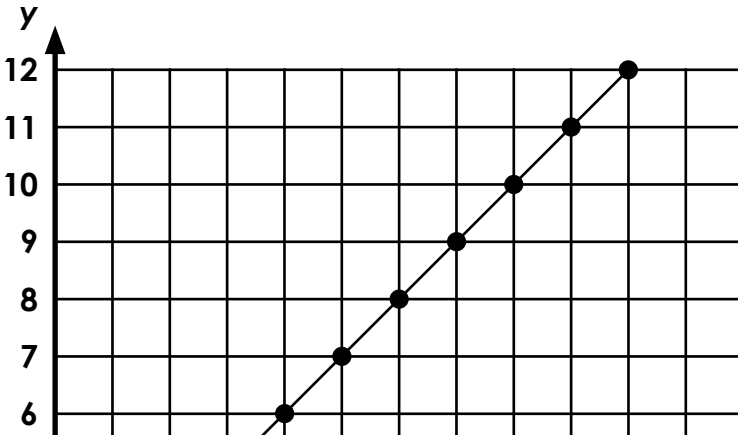
Any number greater than zero is a _____ number.

Name: _____



Math Buzz

Complete the table using the relationship shown in the graph.



Write **prime** or **composite** for each number.

2 _____

7 _____

10 _____

13 _____



Preview

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Input (x)	0	2	6	9
Output (y)				

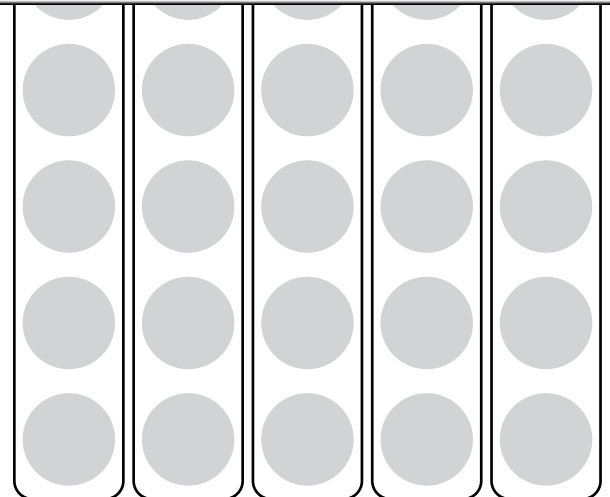
Look at the inequality.

$$4 \times \frac{7}{5} > 4$$

Circle the word or phrase that best completes the sentence.

Since $\frac{7}{5}$ is (**less than 1** / **greater than 1**), multiplying by $\frac{7}{5}$ makes the value (**smaller** / **larger**).

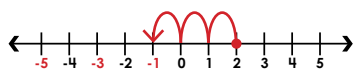
The inequality is (**true** / **false**).



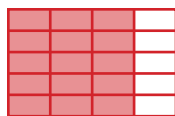
Use the model to find $\frac{3}{5}$ of 25.



Fill in the number line. Then show how to solve $2 - 3$ on the number line.



Draw a model to help you solve.



$$\frac{3}{4} \times 5 = \frac{3}{4} \times \frac{5}{1} = \frac{15}{4} = 3 \frac{3}{4}$$

answer: $3 \frac{3}{4}$ scoops

Is $j = 4$ a solution to this equation? Explain.

$$2 = j - 4$$

No, because $4 - 4 = 0$, not 2.

Here are some ways to write the value of 8.

Answers will vary.

Use the data in the table to create a line plot.

Ounces Consumed



Round to the nearest tenth.

2.63 2.6

0.87 0.9

4.053 4.1

82.489 82.5

Mateo used unit cubes to build a right rectangular prism with a volume of 32 cubic units. The height of the prism is 8 units.

Draw a picture of the bottom layer of the prism.



Select all the expressions that are less than $2 \frac{1}{2}$.

☒ a $2 \frac{1}{2} \times 1$ ☒ d $2 \frac{1}{2} \times \frac{1}{2}$

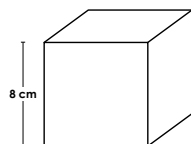
☒ b $2 \frac{1}{2} \times \frac{3}{2}$ ☒ e $2 \frac{1}{2} \times 2$

☒ c $2 \frac{1}{2} \times \frac{1}{2}$ ☒ f $2 \frac{1}{2} \times \frac{1}{2}$

Preview

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What is the volume, in cubic centimeters, of the cube shown below?



$$8 \times 8 \times 8 = 512$$

512 square centimeters

Jamar made \$250 each week mowing lawns during the summer. He worked w weeks in the summer.

Write an expression to show how much Jamar made during the summer.

$250w$

Use the model to find 42×1.63 .

	1	0.6	0.03
40	40	24	1.2
2	2	1.2	0.06

$$40 + 24 + 1.2 + 2 + 1.2 + 0.06 = 68.46$$

68.46

Negative numbers are numbers less than zero. Numbers that are the same distance away from zero but in opposite directions are opposite numbers on number lines. Any number greater than zero is a positive number.

Complete the table using the relationship shown in the graph.

Input (x)	0	2	6	9
Output (y)	2	4	8	11

Write prime or composite for each number.

2 prime

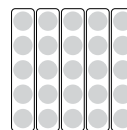
7 prime

10 composite

13 prime

20 composite

This model shows 25 circles divided into 5 equal groups.



Use the model to find $\frac{3}{5}$ of 25.

15

Circle the word or phrase that best completes the sentence.

Since $\frac{7}{5}$ is (less than 1 / greater than 1), multiplying by $\frac{7}{5}$ makes the value (smaller / larger).

The inequality is (true / false).