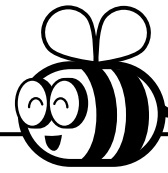


Name: _____



Math Buzz

Sione bought b boxes of frozen popsicles. There are 18 popsicles in each box. Write an expression that shows the number of frozen popsicles Sione bought.

Rose and Katerina are synchronized divers training for their school's swim meet. Their coach uses underwater cameras to record each dive to help the girls improve. The table below shows the divers' heights above or below the water in one of the videos.

Diver	Elevation (m)
Rose	-1
Katerina	2

An isosceles trapezoid is shown.

3 m



Preview

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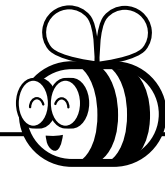
Which diver is closest to
the surface of the water? _____

answer: _____

answer: _____

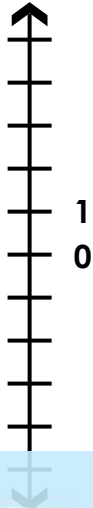


Name: _____

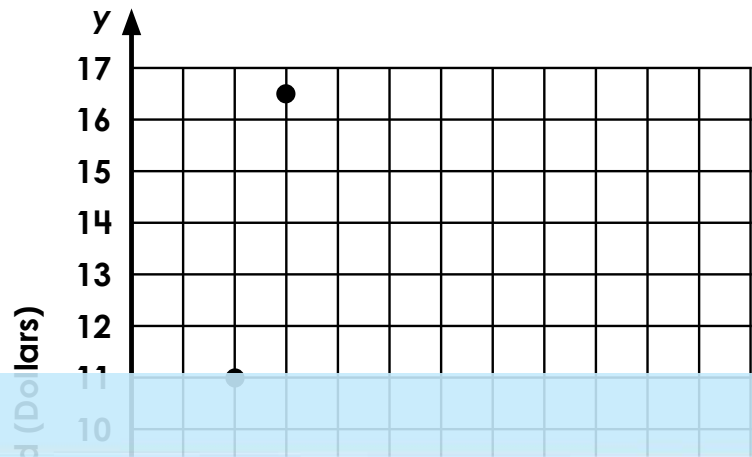


Math Buzz

A number line with 0 and 1 is labeled.



Yasmin earns money for shoveling sidewalks in the winter. The graph shows the relationship between the number of sidewalks, x , she shovels and the amount of money, y , she earns.



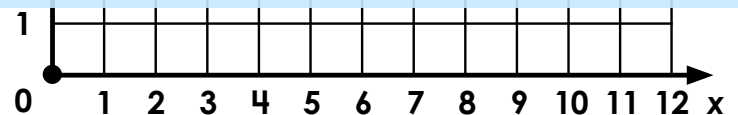
Preview

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answer: _____

Divide.

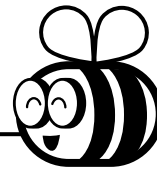
$$2 \div \frac{1}{8} = \underline{\hspace{2cm}}$$



Number of Sidewalks

Explain the relationship between the number of sidewalks Yasmin shovels and the amount of money she earns. Identify the dependent and the independent variables in your answer.

Name: _____



Math Buzz

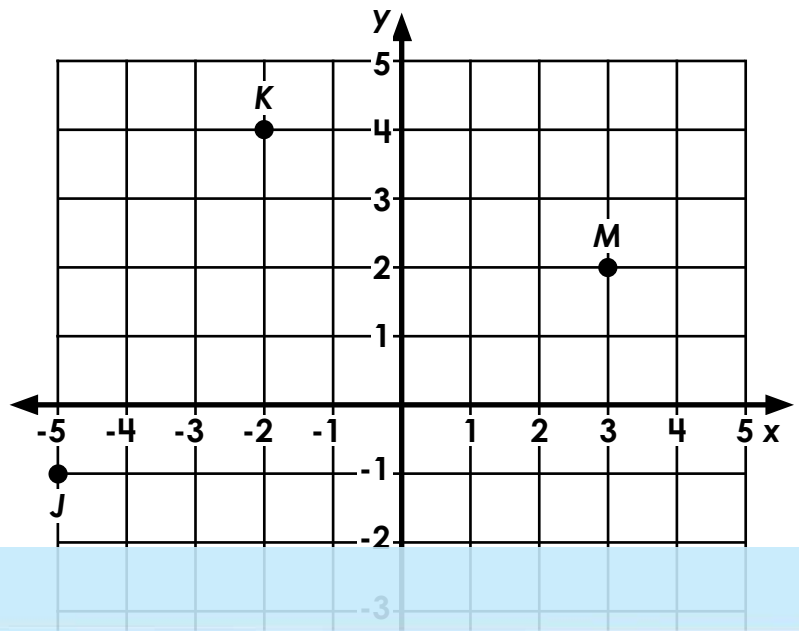
Solve.

$$34.719 \div 10^2 = \underline{\hspace{2cm}}$$

$$128.627 \div 10^3 = \underline{\hspace{2cm}}$$

$$528.046 \div 10^2 = \underline{\hspace{2cm}}$$

Julio built a tower of single blocks that was 94.23 centimeters high. He used 27 identical blocks to build the tower. What was the height of each block?



Preview

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the printable version of this worksheet.

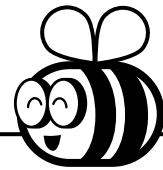
What is the ordered pair for point K? _____

What is the ordered pair for point M? _____

Draw a model to represent the ratio of 6 rectangles to 3 triangles.

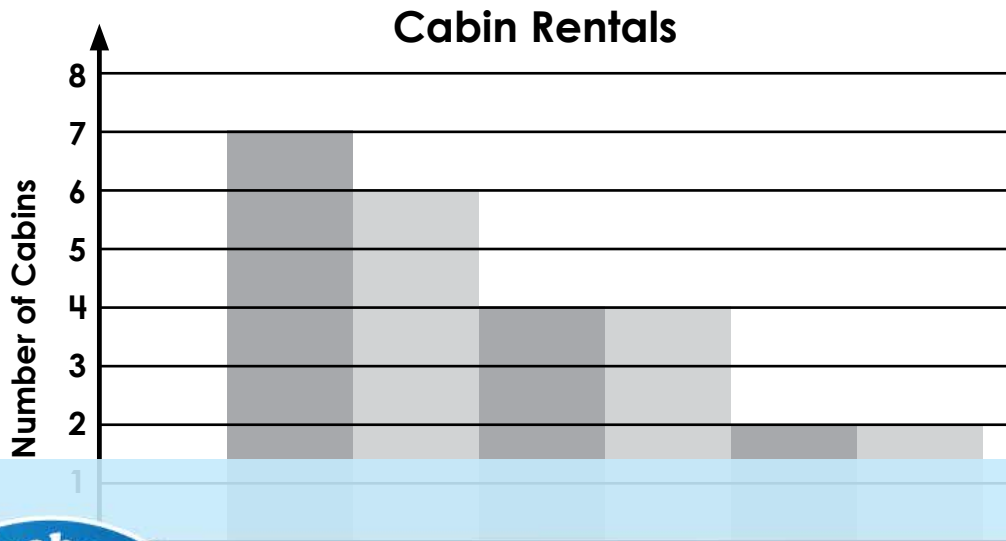


Name: _____



Math Buzz

The histogram shows the distribution of prices of cabins available to rent at a campground for the summer.



Preview

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the printable version of this worksheet.

A store clerk put 5 bottles of seltzer water in the cooler. 13 of the bottles are black cherry flavored. Write an expression that shows the number of bottles of seltzer that are not black cherry flavored.

Isla has \$7.00 in quarters. She uses all the quarters to play games at an arcade. If each game requires 3 quarters, what is the total number of games that Isla can play?

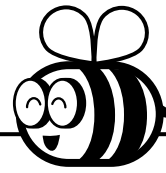
answer: _____

Ahmad follows the following rule when graphing on a coordinate plane:

When the first coordinate is positive, that point is always located to the right of the y -axis.

Is this rule always true? Explain.

Name: _____



Math Buzz

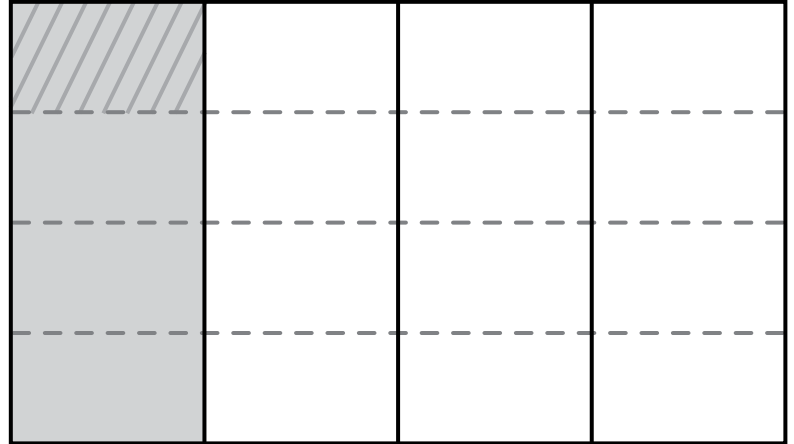
What is the greatest common factor of 72 and 96?

answer: _____

Divide.

$$14,151 \div 53 = \underline{\hspace{2cm}}$$

Use the model to find the quotient.

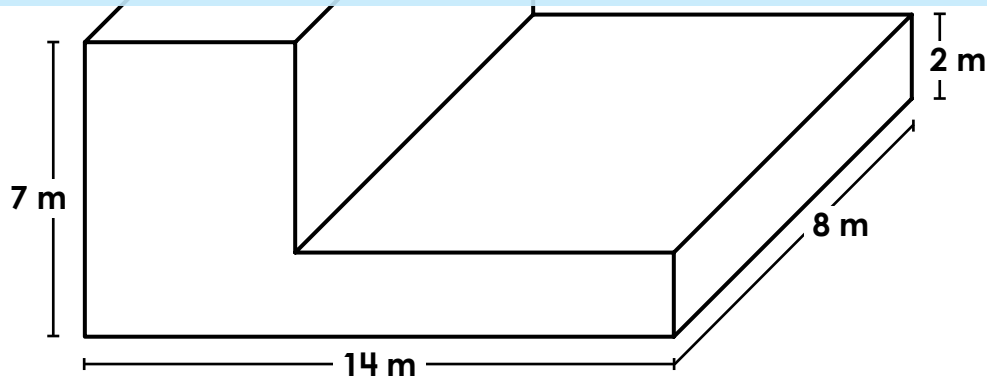


$$\frac{1}{4} \div 4 =$$



Preview

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What is the total volume, in cubic meters, of the figure?

answer: _____



Sione bought b boxes of frozen popsicles. There are 18 popsicles in each box. Write an expression that shows the number of frozen popsicles Sione bought.

$18b$

Diver	Elevation (m)
Rose	-1
Katerina	2

Which diver is closest to the surface of the water?

Rose

What is the area, in square meters, of the isosceles trapezoid?

$A = lw = (4)(3) = 12$

$A = \frac{1}{2}bh = \frac{1}{2}(3)(4) = 6$

$6 \times 2 = 12$

$12 + 12 = 24$

A package contains 5 cups of oatmeal. There is $\frac{1}{3}$ cup of oatmeal in each serving. How many servings of oatmeal are there in the package?

$5 \div \frac{1}{3} = 15$

answer: 15 servings

answer: 24 square meters



Explain the relationship between the number of sidewalks and the number of money earned. Identify the dependent variable and the independent variable. For every sidewalk Yasmin earns \$5.50.

Justine bought 4 bananas and 3 apples for \$4.10. If she bought 10 bananas and 3 apples for \$10.90, how much does one banana cost?

answer: bananas

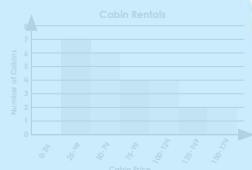
Divide.

$2 \div \frac{1}{8} = 16$



Preview

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The distribution of the prices is best described as (symmetric / not symmetric).

Mark put b bottles of seltzer in a cooler. 13 of the bottles were flavored. Write an expression that shows the number of bottles that are not black.

When the first coordinate is 0, the point is always located to the right of the y-axis.

Is this rule always true?

Isla has \$7.00 in quarters. She uses the quarters to play games at an arcade. If each game requires 3 quarters, what is the total number of games that Isla can play?

$7 \times 4 = 28$ quarters
 $28 \div 3 = 9.33$

answer: 9 games

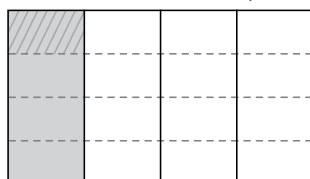
What is the greatest common factor of 72 and 96?

72: 1, 2, 3, 4, 6, 8, 9, 12, 18, 24, 36, 72

96: 1, 2, 3, 4, 6, 8, 12, 16, 24, 32, 48, 96

answer: 24

Use the model to find the quotient.



$\frac{1}{4} \div 4 = \frac{1}{16}$

Divide.

$14,151 \div 53 = 267$

What is the total volume, in cubic meters, of the figure?

$8 \times 7 \times 5 = 280$

$8 \times 9 \times 2 = 144$

$280 + 144 = 424$

answer: 424 cubic meters