

Name: _____



Math Buzz

Evaluate each expression.

$$(6 \times 12) - (36 \div 4)$$

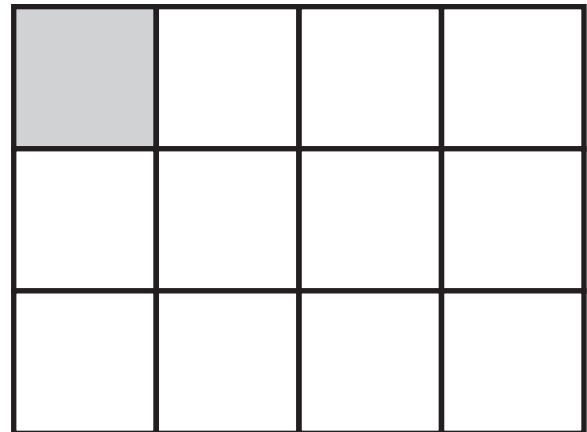
$$3 \times 5 + 4 \times 2 + 1$$

$$2(4 + 3)$$

Which numbers are equivalent to 7.23?
Select all that apply.

- ☐ a seven and twenty-three hundredths
- ☐ b 723 tenths
- ☐ c $7 + 0.2 + 0.3$
- ☐ d $7 + 0.2 + 0.03$
- ☐ e seven ones + two tenths + three hundredths
- ☐ f 723 hundredths
- ☐ g $\frac{7}{1} + \frac{2}{100} + \frac{3}{10}$
- ☐ h $\frac{7}{1} + \frac{2}{10} + \frac{3}{100}$

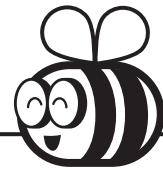
The area of the figure below is 1 square unit.
Find the area of the **gray** rectangle by using
fractions to multiply.



After dinner one evening, Rosa and her brother Alphonso shared the family's tablet equally. They had 3 hours to use the tablet before bedtime. How long did each person use the tablet? Write your answer as a mixed number. **Show your work**

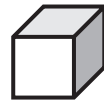
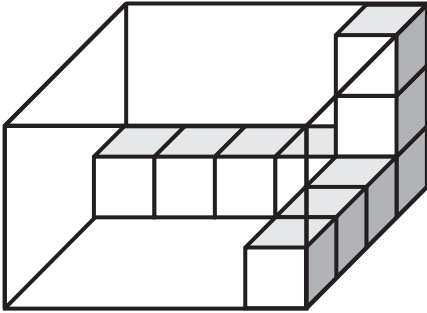


Name: _____



Math Buzz

What is the volume of the rectangular prism in cubic units?



= 1 unit cube

Find the product.

$$\begin{array}{r} 147 \\ \times 86 \\ \hline \end{array}$$

Use the words in the word bank to complete the sentences.

axes ordered pair origin

_____ are a pair of perpendicular lines.

A given point on the coordinate plane is located by using an _____ of numbers.

The place where two perpendicular lines intersect is called the _____.

Amira bought some doughnuts.

$\frac{1}{2}$ of the doughnuts were glazed and

$\frac{2}{6}$ of the doughnuts were strawberry with sprinkles.

What fraction of the doughnuts are either glazed or strawberry with sprinkles?



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Math Buzz

Complete the inequality with $>$, $<$, or $=$.

0.01 _____ 0.001

0.007 _____ 0.09

0.034 _____ 0.043

0.020 _____ 0.02

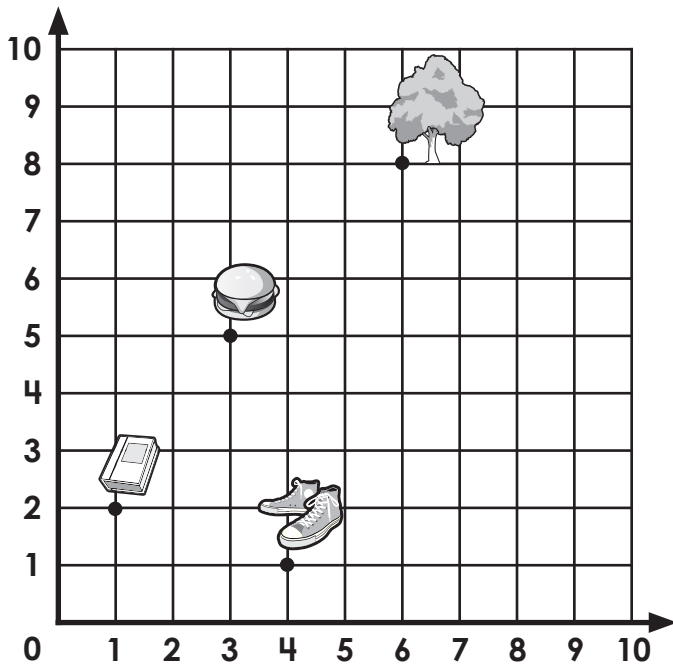
Find the area of the rectangle.

$\frac{1}{2}$ meter

$\frac{3}{8}$ meter



Name the coordinates for each place.



library: _____

restaurant: _____

gym: _____

park: _____

Alaya and Tanari are working together to solve the following expression:

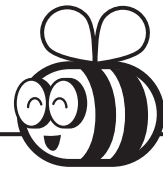
$$(55 + 43) - 40 \div 10 \times 2$$

Alaya says they should begin with 10×2 because multiplication comes first in the order of operations.

Tanari says they should add 55 and 43 first because parentheses are first.

Who is correct? Explain.

Name: _____



Math Buzz

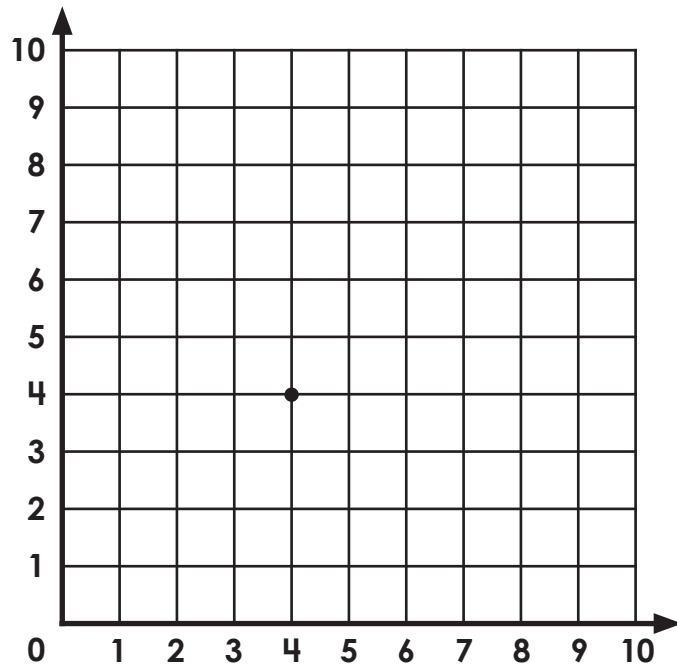
Label the following terms on the coordinate grid below.

x-axis

y-axis

origin

point



Create a line plot to display the amount of rain, in inches, that fell in Rochester in one week.

Monday	$\frac{1}{4}$
Tuesday	$\frac{1}{2}$
Wednesday	$\frac{3}{4}$
Thursday	$\frac{1}{4}$
Friday	$\frac{3}{4}$
Saturday	$\frac{1}{4}$
Sunday	$\frac{1}{2}$

Kamron built a right rectangular prism with snap cubes.

Each snap cube is 1 cubic unit.

He used 4 cubes on one side, 2 cubes on another, and 6 cubes on the third side.

What is the volume of the right rectangular prism?

Write an expression to match the phrase.

Add 6 and 8, then divide by 7.

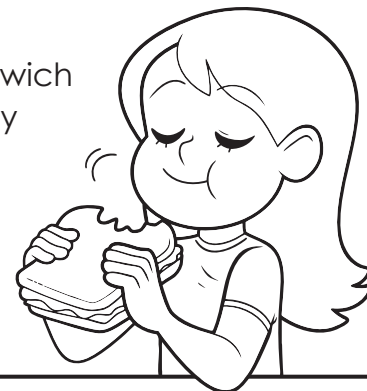
Name: _____



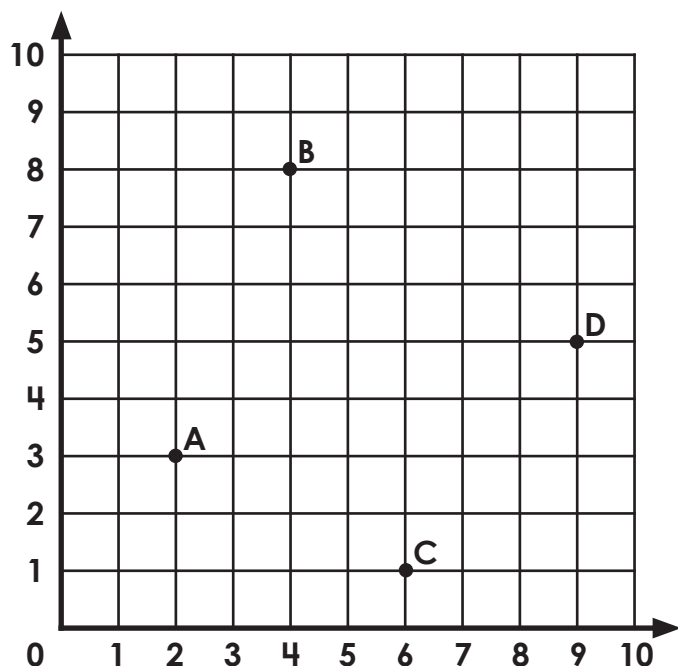
Math Buzz

Julia uses 16 pounds of honey ham to make 64 sandwiches. Each sandwich has the same amount of honey ham. What is the total amount of honey ham in each sandwich?

Write your answer as a fraction in lowest terms.



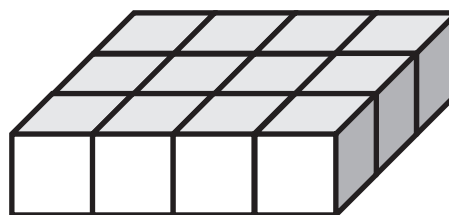
Name the ordered pairs for each point.



point A: _____ point B: _____

point C: _____ point D: _____

The first layer of a right rectangular prism is shown below. Each small cube has a volume of 1 cubic unit.



The height of the entire rectangular prism is 5 unit cubes. What is the volume, in cubic units, of the prism?

How are the shapes similar? Circle as many similarities as possible.



They are parallelograms.

They are rectangles.

They have 4 right angles.

They have 2 pairs of parallel sides.

They are quadrilaterals.

They are squares.



Evaluate each expression.

$$(6 \times 12) - (36 \div 4)$$

$$72 - 9 = 63$$

$$3 \times 5 + 4 \times 2 + 1$$

$$15 + 8 + 1 = 24$$

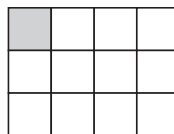
$$2(4 + 3)$$

$$2(7) = 14$$

Which numbers are equivalent to 7.23? Select all that apply.

- ☒ a seven and twenty-three hundredths
- ☒ d $7 + 0.2 + 0.03$
- ☒ e seven ones + two tenths + three hundredths
- ☒ f 723 hundredths
- ☒ h $\frac{7}{1} + \frac{2}{10} + \frac{3}{100}$

The area of the figure below is 1 square unit. Find the area of the gray rectangle by using fractions to multiply.



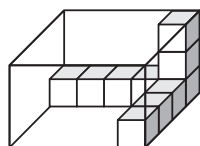
$$\frac{1}{4} \times \frac{1}{3} = \frac{1}{12}$$

After dinner one evening, Rosa and her brother Alphonso shared the family's tablet equally. They had 3 hours to use the tablet before bedtime. How long did each person use the tablet?

Write your answer as a mixed number.

$$\frac{3}{2} = 1\frac{1}{2} \text{ hours}$$

What is the volume of the rectangular prism in cubic units?



$$5 \times 4 \times 3 = 60 \text{ cubic units}$$

Find the product.

$$\begin{array}{r} 147 \\ \times 86 \\ \hline 12,642 \end{array}$$

Use the words in the word bank to complete the sentences.

Axes are a pair of perpendicular lines.

A given point on the coordinate plane is located by using an **ordered pair** of numbers.

The place where two perpendicular lines intersect is called the **origin**.

Amira bought some doughnuts. $\frac{1}{2}$ of the doughnuts were glazed and $\frac{2}{6}$ of the doughnuts were strawberry with sprinkles.

What fraction of the doughnuts are either glazed or strawberry with sprinkles?

$$\frac{1}{2} + \frac{2}{6} =$$

$$3 \times \frac{1}{2} + \frac{2}{6} =$$

$$\frac{3}{6} + \frac{2}{6} = \frac{5}{6}$$

Complete the inequality with $>$, $<$, or $=$.

$$0.01 > 0.001$$

$$0.007 < 0.09$$

$$0.034 < 0.043$$

$$0.020 = 0.02$$

Find the area of the rectangle.

$$\frac{1}{2} \text{ meter}$$

$$\frac{3}{8} \text{ meter}$$

$$\frac{1}{2} \times \frac{3}{8} = \frac{3}{16} \text{ squared meter}$$

Name the coordinates for each place.

library: **(1,2)**

restaurant: **(3,5)**

gym: **(4,1)**

park: **(6,8)**

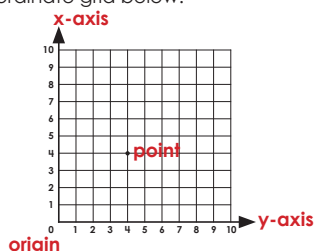
Alaya and Tanari are working together to solve the following expression:

$$(55 + 43) - 40 \div 10 \times 2$$

Alaya says they should begin with 10×2 because multiplication comes first in the order of operations. Tanari says they should add 55 and 43 first because parentheses are first. Who is correct? Explain.

Tanari is correct because parentheses are first in the order of operations.

Label the following terms on the coordinate grid below.



Create a line plot to display the amount of rain, in inches, that fell in Rochester in one week.



Kamron built a right rectangular prism with snap cubes.

Each snap cube is 1 cubic unit.

He used 4 cubes on one side, 2 cubes on another, and 6 cubes on the third side.

What is the volume of the right rectangular prism?

$$4 \times 2 \times 6 = 48 \text{ cubic units}$$

Write an expression to match the phrase.

Add 6 and 8, then divide by 7.

$$(6 + 8) \div 7 \text{ or } \frac{(6 + 8)}{7}$$

Julia uses 16 pounds of honey ham to make 64 sandwiches. Each sandwich has the same amount of honey ham. What is the total amount of honey ham in each sandwich?

Write your answer as a fraction in lowest terms.

$$16 \div 64 = \frac{1}{4} \text{ pound}$$

Name the ordered pairs for each point.

point A: **(2,3)**

point B: **(4,8)**

point C: **(6,1)**

point D: **(9,5)**

The first layer of a right rectangular prism is shown below. Each small cube has a volume of 1 cubic unit.

The height of the entire rectangular prism is 5 unit cubes. What is the volume, in cubic units, of the prism?

$$4 \times 3 = 12 \text{ cubic units}$$

$$12 \times 5 = 60 \text{ cubic units}$$

How are the shapes similar? Circle as many similarities as possible.



- ☒ They are parallelograms.
- ☒ They are quadrilaterals.
- ☒ They have 2 pairs of parallel sides.