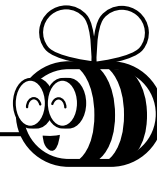
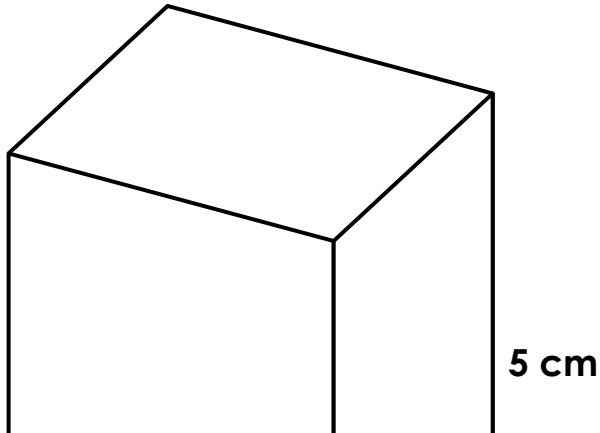


Name: _____



Math Buzz

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



Daeyonna walked 2.76 kilometers on Monday and 1.95 kilometers on Tuesday. How many total kilometers did Daeyonna walk on Monday and Tuesday?

answer: _____



Preview

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the printable version of this worksheet.

answer: _____

A statistical question is a question that can be answered by collecting data with variability (different answers).

For example, "How old are the students in my school?" is a statistical question, but "How old are you?" is not.

Read each question. Then write **statistical** or **not statistical** on the lines.

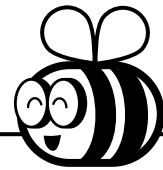
What is your shoe size? _____

What is the average shoe size of everyone in my class?

Select all the expressions equivalent to $3 \times \frac{1}{3}$.

- ☐ a $\frac{3}{1} - \frac{1}{3}$
- ☐ b $\frac{1}{3} \times \frac{1}{3} \times \frac{1}{3}$
- ☐ c $\frac{1}{3} + \frac{1}{3} + \frac{1}{3}$
- ☐ d $\frac{3}{1} + \frac{1}{3}$
- ☐ e $3(\frac{1}{3})$

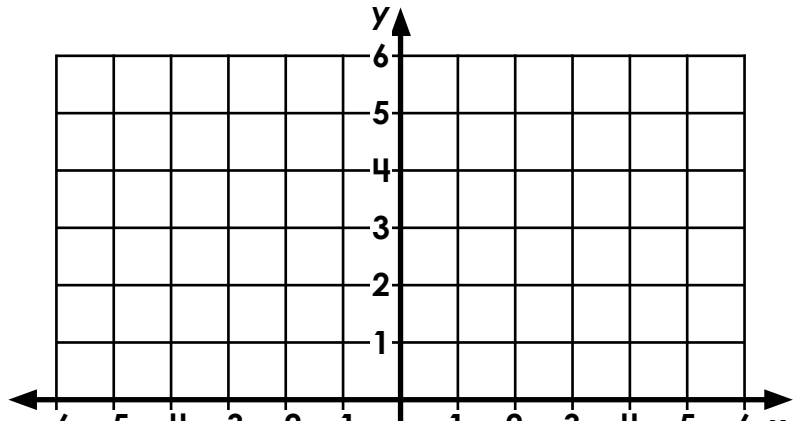
Name: _____



Math Buzz

Azaiah has seashells that come in bags that weigh $2\frac{3}{5}$ pounds each. He has $2\frac{1}{2}$ bags of seashells. What is the total weight, in pounds, of the seashells that Azaiah has?

Name the ordered pair of point **E**. Then reflect point **E** over the **x**-axis and graph it.



Preview

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What is the area, in square units, of the right triangle? Use the formula $A = \frac{1}{2}bh$ to calculate the answer.

answer: _____

Point **E**: _____

Look at the inequality.

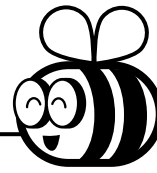
$$4 \times \frac{3}{2} > 4$$

Why is the inequality true?

Circle the correct word or phrase to complete the explanation below.

Since $\frac{3}{2}$ is (**less than 1** / **greater than 1**), multiplying by $\frac{3}{2}$ makes the value (**smaller** / **larger**).

Name: _____



Math Buzz

Without multiplying, explain how you know the product of $\frac{3}{8} \times 61$ will be less than 61.

Mrs. Zhang asked each student in her class, "What is the age difference between you and your best friend?" She recorded their answers in the chart below.

Student	1	2	3	4	5	6	7	8
---------	---	---	---	---	---	---	---	---

Round to the nearest thousandth.

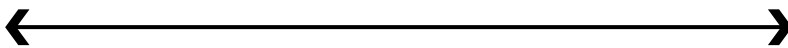
4.8715 _____

0.8888 _____



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Years Apart

What is the difference, in years, between the greatest and the least number of years apart?

answer: _____

© 5

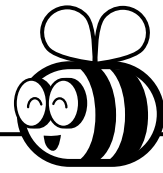
© 1

© 2

© 10

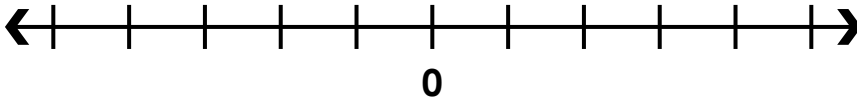


Name: _____



Math Buzz

Graph 3 on the number line.



What number is the opposite of 3? _____

Write 2^6 three different ways.

A middle school is going on a field trip to an orchestra performance. The school will use buses to transport all the students to the performance. There are 1,467 students. Each bus can carry a total of 48 people. What is the minimum number of buses the school will need to transport all the students to the performance?



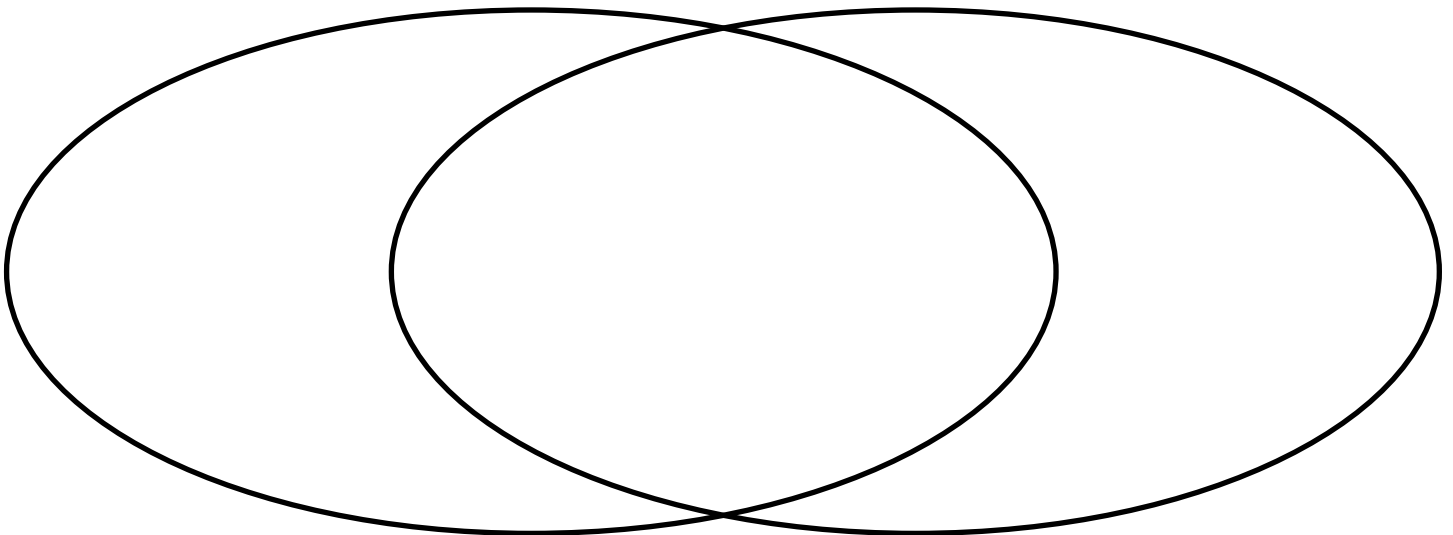
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Exactly 5 Sides

At Least 1 Right Angle

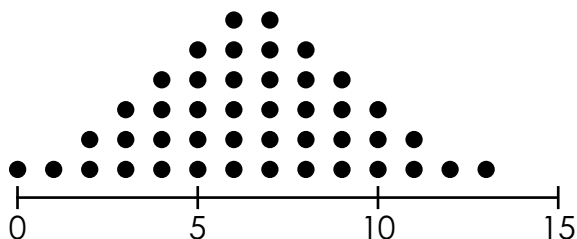


Name: _____



Math Buzz

The data collected from a statistical question can be summarized in a distribution. A distribution can be described in terms of spread, center, and shape. Look at the two dot plots below. Are they centered in the same place? Explain.



Amelia's grandma gave her d dollars for her allowance one week. She also earned \$35 babysitting her cousin that week. How much money does Ameila have? Write your answer as an expression.



answer: _____

Use the rule to complete the input/output table. Then graph the input/output pairs from the table.

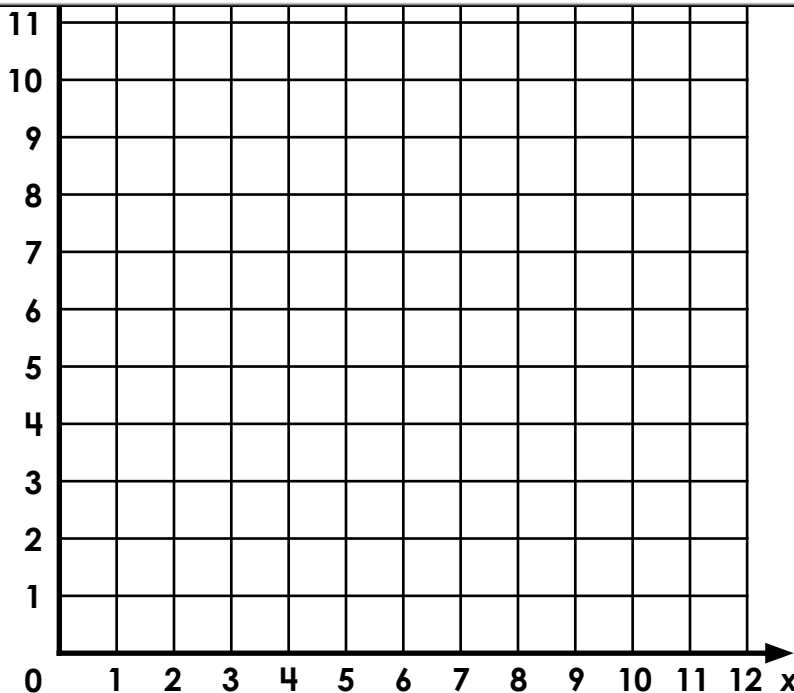


Preview

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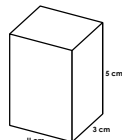
Select all the numbers that are composite.

- ☐ a 9
- ☐ b 13
- ☐ c 33
- ☐ d 67
- ☐ e 72
- ☐ f 83
- ☐ g 84





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



$$4 \times 3 \times 5 = 60$$

answer: 60 cubic centimeters

Daeyonna walked 2.76 kilometers on Monday and 1.95 kilometers on Tuesday. How many total kilometers did Daeyonna walk on Monday and Tuesday?

$$2.76 + 1.95 = 4.71$$

answer: 4.71 kilometers

Read each question. Then write **statistical** or **not statistical** on the lines.

What is your shoe size?

not statistical

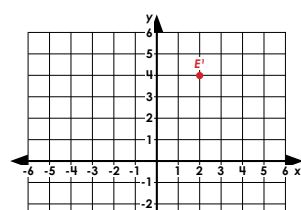
What is the average shoe size of everyone in my class?

statistical

Select all the expressions equivalent to $3 \times \frac{1}{3}$.

- ☒ $\frac{1}{3} + \frac{1}{3} + \frac{1}{3}$
☒ $3(\frac{1}{3})$

Azaiah has seashells that come in bags that weigh $2\frac{3}{5}$ pounds each. He has $2\frac{1}{2}$ bags of seashells. What is the total weight, in pounds, of the seashells that Azaiah has?



What is the area, in square units, of the right triangle? Use the formula $A = \frac{1}{2}bh$ to calculate the answer.

$$A = \frac{1}{2}bh = \frac{1}{2}(9)(14) = 63$$

$$4 \times \frac{3}{2} > 4$$

Why is the inequality true?

Circle the correct word or phrase to complete the explanation below.

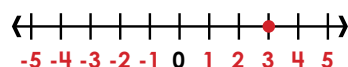
Since $\frac{3}{2}$ is greater than 1, multiplying

Preview

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answer: 4 or a year

Graph 3 on the number line.



What number is the opposite of 3?
-3

Write 2^6 three different ways.

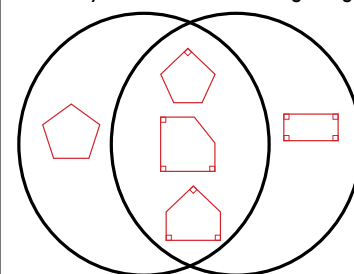
Answers will vary.

A middle school is going on a field trip to an orchestra performance. The school will use buses to transport all the students to the performance. There are 1,467 students. Each bus can carry a total of 48 people. What is the minimum number of buses the school will need to transport all the students to the performance?

$$1,467 \div 48 = 30 \text{ R } 27$$

answer: 31 buses

Exactly 5 Sides At Least 1 Right Angle



Look at the two dot plots below. Are they centered in the same place? Explain.

Answers may vary but should indicate they are not centered in the same place.

Amelia's grandma gave her d dollars for her allowance one week. She also earned \$35 babysitting her cousin that week. How much money does Amelia have? Write your answer as an expression.

answer: $d + 35$

Select all the numbers that are composite.

- ☒ a 9 ☒ b 13
☒ c 33 ☒ d 67
☒ e 72 ☒ f 83
☒ g 84

Input (x)	1	2	3	4
Output (y)	2	4	6	8

