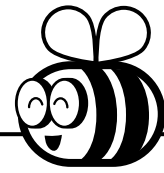
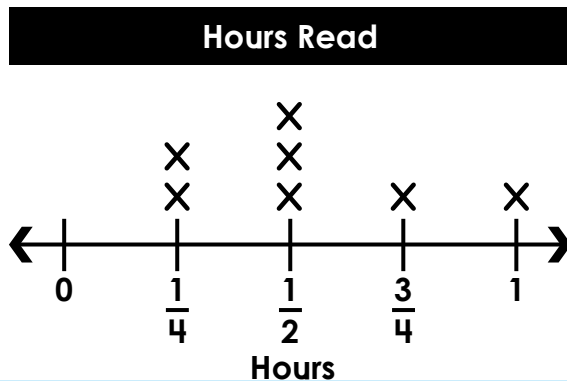


Name: \_\_\_\_\_



# Math Buzz

Leon recorded how long he read, in hours, every day for one week. He displayed his data in the line plot below.



Are the shaded numbers on the hundred chart prime or composite? Explain how you know.

|    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|
| 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |
| 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
| 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 |

How many total hours did Leon read?



# Preview

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

A right rectangular prism has a base with an area of 9 square feet and a height of 4 feet. What is the volume, in cubic feet, of the box?

answer: \_\_\_\_\_

Fill in the blanks.

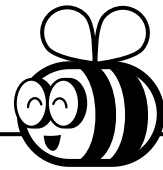
If  $45 \times 63 = 2,835$ , then  $2,835 \div \underline{\hspace{2cm}} = 45$ .

If  $57 \times 94 = 5,358$ , then  $5,358 \div 57 = \underline{\hspace{2cm}}$ .

If  $9,036 \div 36 = 251$ , then  $36 \times \underline{\hspace{2cm}} = 9,036$ .

If  $3,432 \div 264 = 13$ , then  $13 \times 264 = \underline{\hspace{2cm}}$ .

Name: \_\_\_\_\_



## Math Buzz

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

Write your own statistical question.

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Kaizen manages his baseball team. He needs to order 3 practice jerseys for each player. There are  $x$  players on the team. How many total practice jerseys does he need to order? Write your answer as an expression.

answer: \_\_\_\_\_

Select all the products that will be greater than  $4\frac{5}{6}$ .

☐ a  $4\frac{5}{6} \times 1$

☐ d  $4\frac{5}{6} \times 12$

☐ b  $4\frac{5}{6} \times \frac{12}{6}$

☐ e  $4\frac{5}{6} \times \frac{6}{6}$

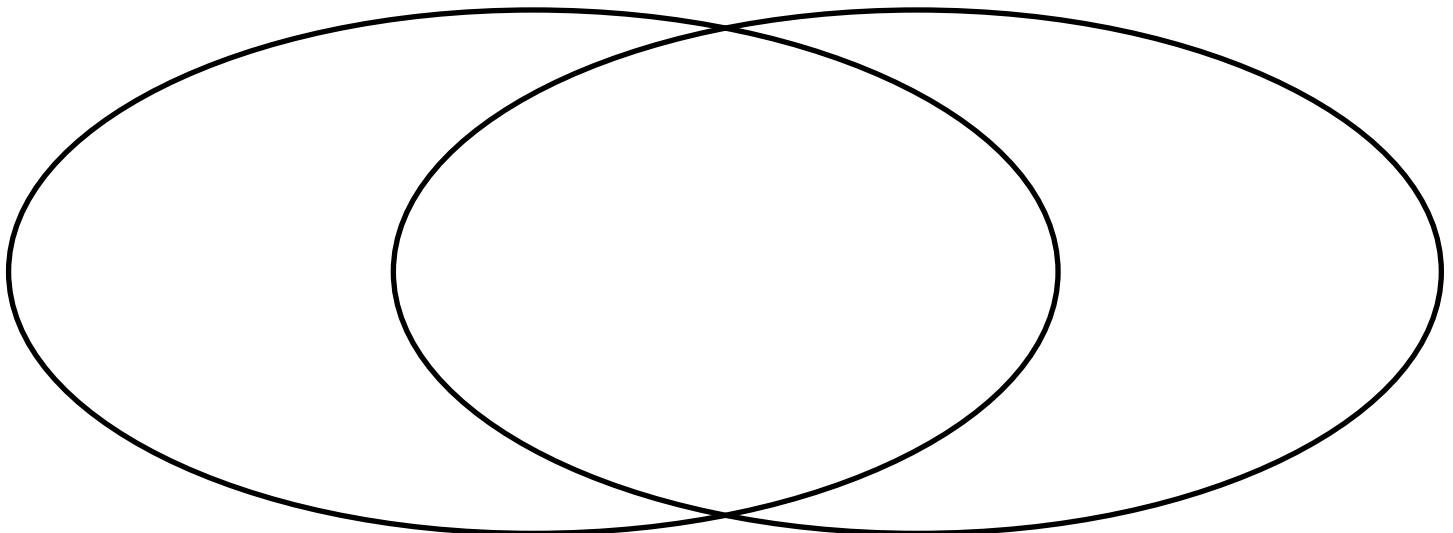


# Preview

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

Triangles

At Least 1 Right Angle



Name: \_\_\_\_\_



## Math Buzz

Mrs. Robinson bought 2.5 pounds of birdseed. She paid \$1.72 per pound. How much did Mrs. Robinson pay for all of the birdseed?

answer: \_\_\_\_\_

Decide whether each equation is true or false. Write **true** or **false** on each line.

$$3^4 = 3 \times 4 \quad \underline{\hspace{2cm}}$$

$$8^3 = 8 \times 8 \times 8 \quad \underline{\hspace{2cm}}$$

$$2^2 = 3^2 \quad \underline{\hspace{2cm}}$$

$$4 + 4 + 4 + 4 = 4^4 \quad \underline{\hspace{2cm}}$$

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

Rule: divide by 2



# Preview

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

Emma claims the product will be greater than 54. Is she correct? Explain without calculating the product.

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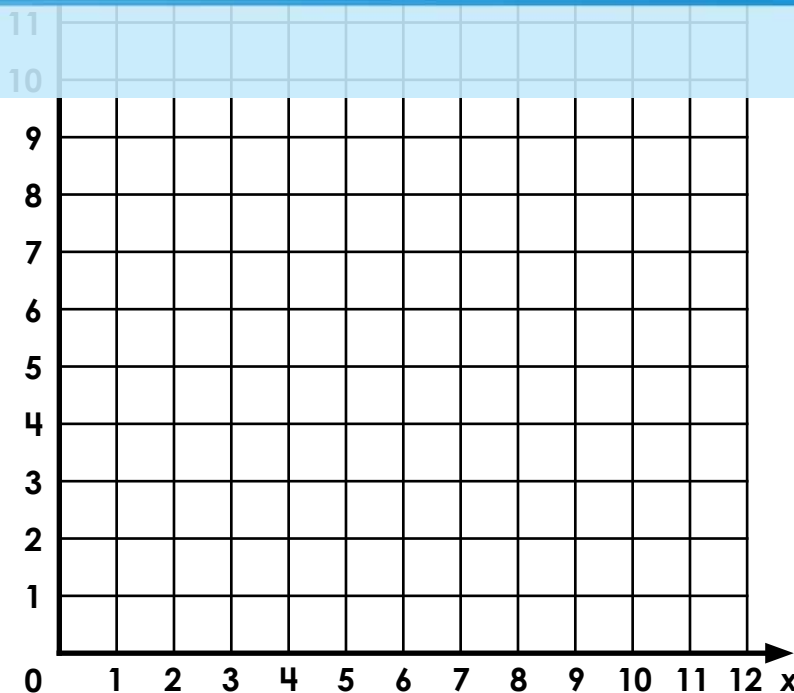
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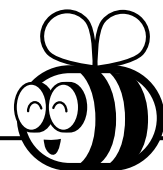
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Name: \_\_\_\_\_



## Math Buzz

Write an expression equivalent to  $\frac{1}{4} \times 5$ .

\_\_\_\_\_

The coordinate grid below shows point A and point A'. How are the points different?



Mahala is making a triangular pennant out of fabric to hang on her wall. The base of the pennant is 14 inches and the height is 20 inches. How much fabric, in square inches, will Mahala need to make the pennant?

answer:



# Preview

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



Select all the possible solutions for  $36 \div v \geq 9$ .

☐ a 3

☐ d 2

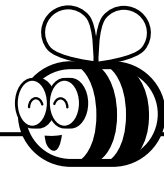
☐ b 12

☐ e 36

☐ c 4

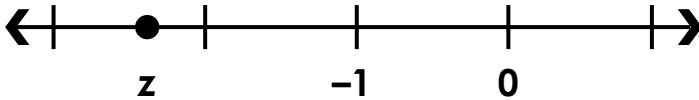
☐ f 18

Name: \_\_\_\_\_



# Math Buzz

The number line shows an unknown number, **z**. Is **z** positive or negative?



answer: \_\_\_\_\_

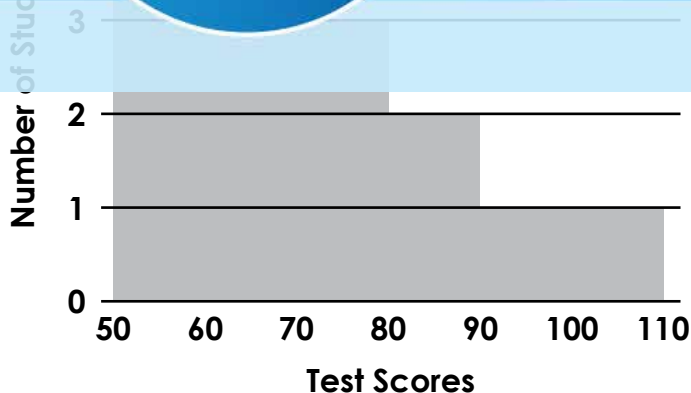
Data can be described by looking at the graph's shape. The shape can be left-skewed (most of the data is on the right), centered (most of the data is in the center), or right-skewed (most of the data is on the left).

The histogram below shows the boys' test



# Preview

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



Describe the data distribution for the graph. Is it left-skewed, centered, or right-skewed?

\_\_\_\_\_  
\_\_\_\_\_

The Quinn family takes a cookie cake to a party. When they are ready to leave,  $\frac{2}{3}$  of the cookie cake is left. The family leaves  $\frac{5}{6}$  of the leftover cookie cake at the party and takes the remaining cake home. What fraction of the whole cake does the Quinn family leave behind?

Round 187.244 to the nearest hundredth.

\_\_\_\_\_

Round 0.05 to the nearest tenth.

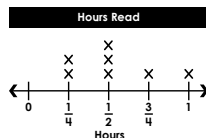
\_\_\_\_\_

Round 2.8426 to the nearest whole number.

\_\_\_\_\_

Round 32.8719 to the nearest thousandth.

\_\_\_\_\_



How many total hours did Leon read in one week?

$$\frac{1}{4} + \frac{1}{4} + \frac{1}{2} + \frac{1}{2} + \frac{1}{2} + \frac{3}{4} + 1 = 3\frac{3}{4}$$

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

Are the shaded numbers on the hundred chart prime or composite? Explain how you know.

**The shaded numbers are composite because they all have more factors than 1 and themselves.**

A shipping box in the shape of a right rectangular prism has a base with an area of 9 square feet and a height of 4 feet. What is the volume, in cubic feet, of the box?

$$9 \times 4 = 36$$

answer: **36 cubic feet**

Fill in the blanks.

If  $45 \times 63 = 2,835$ , then  $2,835 \div \underline{63} = 45$ .

If  $57 \times 94 = 5,358$ , then  $5,358 \div 57 = \underline{94}$ .

If  $9,036 \div 36 = 251$ , then  $36 \times \underline{251} = 9,036$ .

If  $3,432 \div 264 = 13$ , then  $13 \times 264 = \underline{3,432}$ .

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

Write your own statistical question.

Answers will vary.

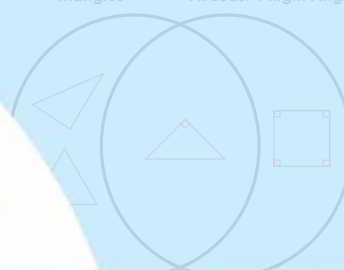
Kaizen made a new game. He needs to find a way for everyone to play. There are 100 children in the school. How many children should he ask to play the game?

Answers will vary.

What is the area of a rectangle with a length of 4 units and a width of 3 units?

- (b)  $4\frac{5}{6} \times \frac{12}{6}$   
(c)  $4\frac{5}{6} \times \frac{3}{6}$

Triangles At Least 1 Right Angle



# Preview

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

answer: **\$4.30**

Write an expression equivalent to  $2x + 3y$ .

Answers will vary.

Keaton is making a triangular pennant out of fabric to hang on the wall. The base of the pennant is 20 inches. The height is 10 inches. What is the area of the pennant?

answer: **140 square inches**

The coordinate grid below shows the location of point A and point A'. How many units apart are the points?

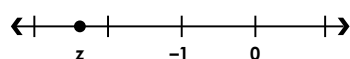
The y-coordinate of point A is 4.

answer: **10 units**

What are all the possible solutions for the equation  $y \geq 9$ ?

- (a) 3 (d) 2  
(b) 12 (e) 36  
(c) 4 (f) 18

The number line shows an unknown number,  $z$ . Is  $z$  positive or negative?

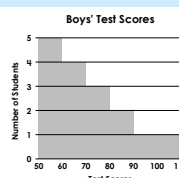


answer: **negative**

The Quinn family takes a cookie cake to a party. When they are ready to leave,  $\frac{2}{3}$  of the cookie cake is left. The family leaves  $\frac{5}{6}$  of the leftover cookie cake at the party and takes the remaining cake home. What fraction of the whole cake does the Quinn family leave behind?

$$\frac{2}{3} \times \frac{5}{6} = \frac{10}{18} = \frac{5}{9}$$

answer:  **$\frac{5}{9}$  of the cake**



Describe the data distribution for the graph. Is it left-skewed, centered, or right-skewed?

**The data in the graph is right-skewed.**

Round 187.244 to the nearest hundredth.

**187.24**

Round 0.05 to the nearest tenth.

**0.1**

Round 2.8426 to the nearest whole number.

**3**

Round 32.8719 to the nearest thousandth.

**32.872**