

Kevin makes muffins.

- It takes 8 minutes to mix the batter.
- The muffins bake for 17 minutes.
- The muffins then cool for 5 minutes.

What is the total amount of time, in minutes, Kevin spends mixing, baking, and cooling the muffins?

Enter your answer in the box.

minutes

Which **two** statements can be represented by the expression  $4 \times 8$ ?

- A. A teacher puts 8 chairs at each of 4 tables.
- B. Tom buys 4 red markers and 8 black markers.
- C. Marie shares her 8 marbles equally among 4 friends.
- D. There are 4 rows of flowers. There are 8 flowers in each row.
- E. There are 8 ducks in the pond. Then, 4 more ducks join them.

$$\frac{2}{6} < \square$$

Select the **three** fractions that make this comparison true.

- A.  $\frac{3}{6}$
- B.  $\frac{2}{8}$
- C.  $\frac{2}{4}$
- D.  $\frac{2}{3}$
- E.  $\frac{1}{6}$

Which **two** ways show how to find the value of  $7 \times 40$ ? Select the **two** correct answers.

- A.  $7 \times 4$
- B.  $4 \times 10$
- C.  $7 \times 4 \times 10$
- D. 7 groups of 4 ones
- E. 7 groups of 4 tens

Ana starts eating lunch at 12:15 p.m. She finishes eating lunch 40 minutes later.

Which clock shows the time that Ana finishes eating lunch? Select the correct answer.

A.



B.



C.

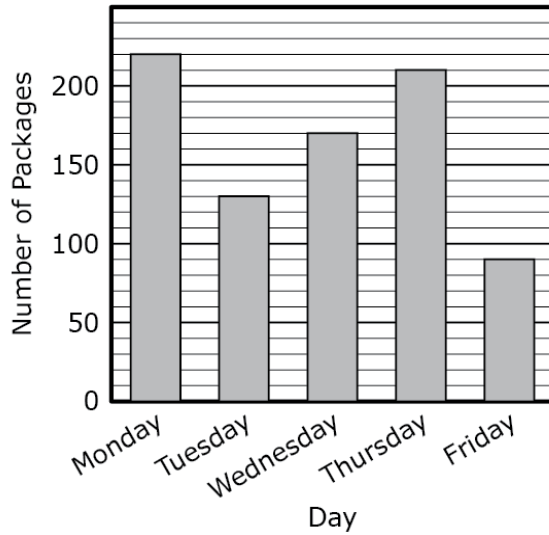


D.



Mr. Conley delivers packages. The bar graph shows the total number of packages he delivered on five days last week.

### Package Delivery



**Part A**

What is the total number of packages Mr. Conley delivered on Monday and Tuesday?

- A. 300
- B. 340
- C. 350
- D. 360

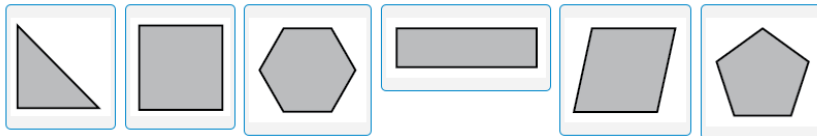
**Part B**

How many **more** packages did Mr. Conley deliver on Monday and Tuesday than he did on Thursday and Friday?

Enter your answer in the box.

 packages

Drag and drop the **three** quadrilaterals into the box.

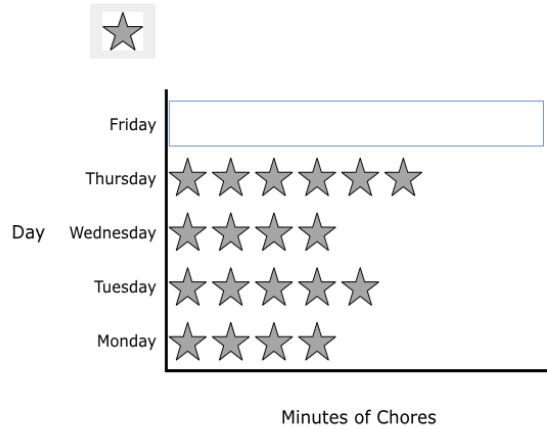


Plot the point that shows  $\frac{5}{6}$  on the number line.



Jana gets a sticker for every 5 minutes she spends on her chores each day. She puts them on a picture graph as shown.

Jana spends a total of 130 minutes doing chores during the week. Complete the picture graph to show how many stickers Jana gets on Friday.



Enter your answers in the boxes.

$9 \times 9 =$

$56 \div 8 =$

$5 \times 6 =$

$36 \div 9 =$

$63 \div 7 =$

Pablo goes to a stamp show where he can share, buy, and sell stamps.

**Part A**

The first day, Pablo starts with 744 stamps. He buys 27 stamps from his friend. He then sells 139 stamps.

What is the total number of stamps that Pablo has after the first day of the stamp show?

Enter your answer in the box.

stamps

**Part B**

The second day, Pablo buys 6 packages of car stamps. Each package has 6 car stamps. Pablo shares these car stamps equally among himself and 3 friends.

What is the total number of car stamps that Pablo and each of his 3 friends receive?

Enter your answer in the box.

stamps

Carol plays a ball game. She gets 7 points each time her ball hits a target. If she hits the target at least 5 times in a row, she gets an extra 25 points.

What is the total number of points Carol gets if she hits the target 5 times in a row?

Enter your answer in the box.

 points

A flower garden is divided into equal parts. The color of the flowers planted in each part of the garden is shown.

Red	Yellow	Yellow	Purple
Yellow	Red	Pink	Red

Select the **three** statements that are true.

- A. There are red or yellow flowers in  $\frac{1}{6}$  of the garden.
- B. Purple flowers are planted in  $\frac{7}{8}$  of the garden.
- C. Pink flowers are planted in  $\frac{1}{8}$  of the garden.
- D. Each part of the garden is  $\frac{1}{8}$  of the whole garden.
- E. There are yellow flowers in  $\frac{3}{6}$  of the garden.
- F. Red flowers are planted in  $\frac{3}{8}$  of the garden.

Enter your answer in the box.

746 - 397 =

The owners of a new toy store have 888 puzzles to sell.

- They sell 237 puzzles the first month.
- They sell 461 puzzles the second month.

**Part A**

Which of these shows the three given numbers, each rounded to the nearest 10?

- A. 880, 230, 470
- B. 880, 230, 460
- C. 890, 240, 470
- D. 890, 240, 460

**Part B**

Use the rounded numbers to find about how many puzzles the owners have left to sell.

Enter your answer in the box.

 puzzles

Enter your answers in the boxes.

$7 \times 9 =$

$30 \div 5 =$

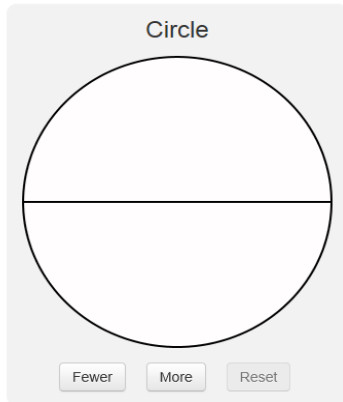
$4 \times 9 =$

$48 \div 6 =$

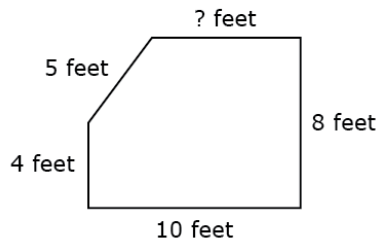
$42 \div 7 =$

Use the More or Fewer buttons as many times as needed to divide the circle into 6 equal parts.

Then shade  $\frac{1}{6}$  of the area of the circle. Divide the figure into the correct number of equal parts by using the More and Fewer buttons. Then shade by selecting the part or parts.



The shape shown has a perimeter of 34 feet.



What is the length of the side that is missing a number?

Enter your answer in the box.

feet

Drag and drop the correct area into the box below each shaded rectangle.

20 Square Feet	24 Square Feet
27 Square Feet	28 Square Feet

4 Feet	4 Feet	3 Feet
6 Feet	7 Feet	9 Feet
<input style="width: 80%; height: 20px;" type="text"/>	<input style="width: 80%; height: 20px;" type="text"/>	<input style="width: 80%; height: 20px;" type="text"/>

Enter your answers in the boxes.

64 ÷  = 8

4 × 8 =

6 ×  = 42

÷ 7 = 5

Lavina wants to place a fence around a rectangular play area for her rabbits. The play area will be 7-feet long and 4-feet wide.

What is the total length of fence, in feet, Lavina needs to place around the play area?

Enter your answer in the box.

feet

Which **three** statements can be represented by the expression  $24 \div 4$ ?

- A. Jake makes 24 muffins. He gives away 4 muffins.
- B. Collin has 24 toy trucks. He sorts them into groups of 4 trucks each.
- C. Amira has 24 trading cards. She puts them into piles containing 4 cards each.
- D. Rosemary puts 24 stickers in each book. She uses enough stickers to fill 4 books.
- E. Steven fills a new bookshelf with 24 books. He puts the same number of books on each of the 4 shelves.

Plot a point on the number line that shows the location of  $\frac{8}{8}$ .



A library has 126 books about trees.

**Part A**

The library has 48 fewer books about rivers than about trees.

Select from the drop-down menus to correctly complete the statement.

The number of books the library has about rivers is  and the total number of books

the library has about trees and rivers is .

**Part B**

Two students borrow books about trees. Each student borrows 8 books. How many books about trees remain in the library?

Enter your answer in the box.

Cade has 4 boxes. He puts 9 model cars in each box.

What is the total number of model cars Cade put in these boxes?

Enter your answer in the box.

Carla buys apples and peaches at the store. The mass of the apples is 724 grams. The mass of the peaches is 471 grams.

How much greater is the mass of the apples than the mass of the peaches?

Enter your answer in the box.

 grams

Ken draws a rectangle with an area of 35-square inches. The width of the rectangle is 5 inches.

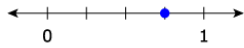
What is the length of Ken's rectangle?

Enter your answer in the box.

 inches



A fraction is shown on the number line.



Plot a point on this number line to show a fraction that is equivalent to the fraction shown on the other number line.



Select the **three** shapes that **always** have at least one pair of parallel sides.

- A. triangle
- B. rhombus
- C. trapezoid
- D. rectangle
- E. quadrilateral

Which **three** comparisons are true?

- A.  $\frac{1}{3} = \frac{3}{6}$
- B.  $\frac{3}{4} = \frac{6}{8}$
- C.  $\frac{4}{8} = \frac{1}{2}$
- D.  $\frac{1}{4} = \frac{4}{8}$
- E.  $\frac{4}{6} = \frac{2}{3}$

Enter your answers in the boxes.

$24 \div 8 =$

$45 \div 5 =$

$6 \times 6 =$

$6 \times 8 =$

On a farm, there is a large storage tank that holds water.

**Part A**

Each day in May, 60 liters of water are used on the farm.

What is the total amount of water, in liters, used on the farm in 7 days?

Enter your answer in the box.

 liters

**Part B**

The storage tank holds 500 liters of water when full.

During the first 5 days in January after the tank was filled, 386 liters of water was used on the farm.

What is the amount of water, in liters, that remains in the tank after those 5 days?

Enter your answer in the box.

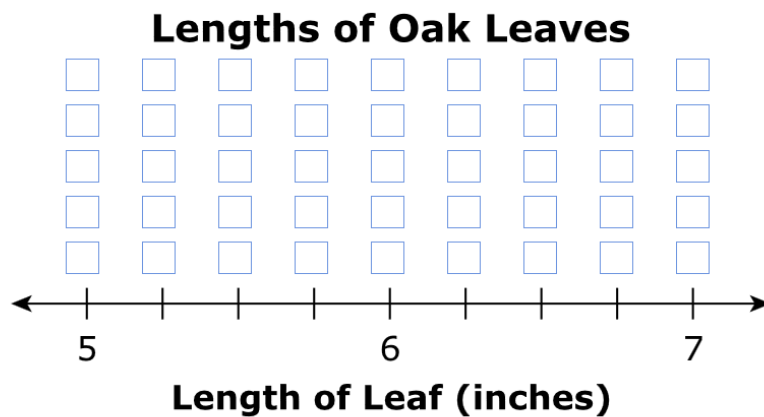
 liters

Eric measures 10 oak leaves with a ruler. He records the lengths as shown.

Lengths of Oak Leaves (inches)				
$5\frac{1}{2}$	$6\frac{1}{2}$	$6\frac{1}{2}$	6	$5\frac{3}{4}$
$5\frac{1}{2}$	6	6	$5\frac{1}{2}$	6

For each oak leaf, drag and drop an X onto the line plot to show the length.

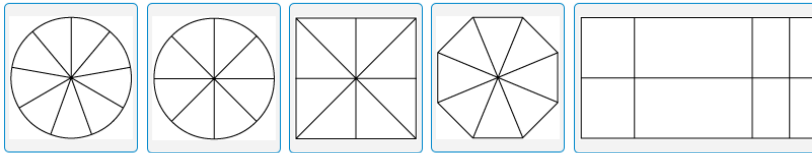
X



Enter your answer in the box.

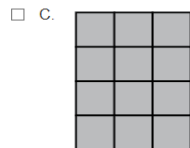
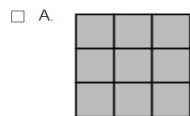
512 +  = 568

Which shapes have parts that are  $\frac{1}{8}$  the area of their whole shape? Drag and drop the **three** correct shapes into the box.



Which **three** figures each have an area of 12-square inches? Select the **three** correct answers.

= one square inch



Enter your answer in the box.

$$3 \times 80 = \boxed{\phantom{000}}$$

Which expression could be used to find the value of  $465 + 229$  ?

- A.  $4 + 2 + 6 + 2 + 5 + 9$
- B.  $40 + 20 + 60 + 20 + 5 + 9$
- C.  $400 + 200 + 6 + 2 + 5 + 9$
- D.  $400 + 200 + 60 + 20 + 5 + 9$

Enter your answers in the boxes.

$$\boxed{\phantom{000}} = 6 \times 7$$

$$81 \div 9 = \boxed{\phantom{00}}$$

$$30 \div 6 = \boxed{\phantom{00}}$$

$$\boxed{\phantom{000}} = 72 \div 8$$