

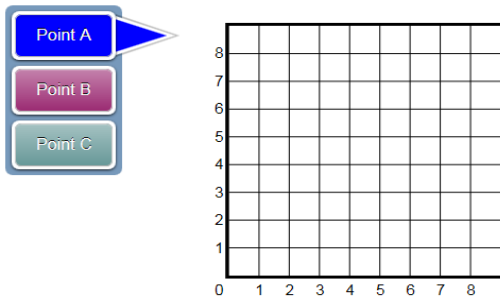
Jim uses ribbon to make bookmarks. Jim has 9 feet of ribbon. He uses  $\frac{1}{3}$  foot of ribbon to make each bookmark.

What is the total number of bookmarks Jim makes with all 9 feet of ribbon?

Enter your answer in the box.

 bookmarks

Graph points  $A$ ,  $B$ , and  $C$  on the coordinate plane. Point  $A$  should be located at  $(4, 6)$ , point  $B$  should be located at  $(6, 4)$ , and point  $C$  should be located at  $(3, 0)$ . Select the "Point A" button and plot the point. Select the "Point B" button and plot the point. Select the "Point C" button and plot the point. Be sure to graph all **three** points.



Enter your answer in the box.

$3 \times (8 + 16) \div 4 =$

Len walks  $\frac{3}{10}$  mile in the morning to school. He walks  $\frac{2}{5}$  mile in the afternoon to a friend's house.

Len says that he walks a total of  $\frac{5}{15}$  mile in the morning and afternoon.

Which **two** statements are true?

- A. Since  $\frac{3}{10}$  plus  $\frac{2}{5}$  is  $\frac{5}{15}$ , the total of  $\frac{5}{15}$  is reasonable.
- B. Since  $\frac{5}{15}$  is less than  $\frac{2}{5}$ , the total of  $\frac{5}{15}$  is not reasonable.
- C. The fractions  $\frac{5}{15}$ ,  $\frac{3}{10}$ , and  $\frac{2}{5}$  are all less than  $\frac{1}{2}$ , so the total of  $\frac{5}{15}$  is reasonable.
- D. The fraction  $\frac{5}{15}$  is  $\frac{1}{3}$ , and  $\frac{1}{3}$  is greater than  $\frac{3}{10}$ . Since  $\frac{5}{15}$  is greater than one of the addends, the total of  $\frac{5}{15}$  is reasonable.
- E. The fractions  $\frac{3}{10}$  and  $\frac{2}{5}$  are each greater than  $\frac{1}{4}$ , so the total must be greater than  $\frac{1}{2}$ . The fraction  $\frac{5}{15}$  is less than  $\frac{1}{2}$ , so the total of  $\frac{5}{15}$  is not reasonable.

Tom has a water tank that holds 5 gallons of water.

**Part A**

Tom uses water from a full tank to fill 6 bottles that each hold 16 ounces and a pitcher that holds  $\frac{1}{2}$  gallon.

How many ounces of water are left in the water tank?

Enter your answer in the box.

ounces

**Part B**

Tom drinks 4 pints of water a day.

How many full tanks of water will he drink in 30 days?

Enter your answer in the box.

full tanks of water

Drag and drop one number into each box. When you are finished, the number inside each box should match the number below the box when rounded to the nearest hundredth.

- 

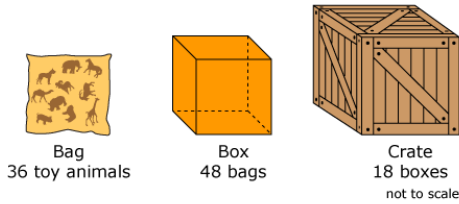
5.07	5.08	5.10	5.11

Which explanation about figures is correct?

- A. All rhombuses are parallelograms. Parallelograms have 2 pairs of parallel sides. Therefore, all rhombuses have 2 pairs of parallel sides.
- B. All rhombuses are parallelograms. Parallelograms have exactly 1 pair of parallel sides. Therefore, all rhombuses have exactly 1 pair of parallel sides.
- C. Only some rhombuses are parallelograms. Parallelograms have 2 pairs of parallel sides. Therefore, only some rhombuses have 2 pairs of parallel sides.
- D. Only some rhombuses are parallelograms. Parallelograms have exactly 1 pair of parallel sides. Therefore, only some rhombuses have exactly 1 pair of parallel sides.

This table shows the three different ways that toy animals are packaged at a factory.

Package Type	Amount in the Package
Bag	36 toy animals
Box	48 bags
Crate	18 boxes



**Part A**

What is the total number of toy animals in one crate?

Enter your answer in the box.

 toy animals

**Part B**

One bag of toy animals weighs 12 ounces. What is the total weight, in ounces, of the bags of toy animals in one crate?

Enter your answer in the box.

 ounces

Isabel lives  $\frac{3}{4}$  mile from school. Janet lives  $\frac{2}{3}$  mile from school.

How much farther, in miles, does Isabel live from school than Janet? Enter your answer in the space provided. Enter **only** your fraction.

Calculator interface showing a grid of mathematical symbols: undo, redo, copy, paste, clear, plus, minus, multiply, divide, fraction, decimal, equals, less than, greater than, negative, and help.

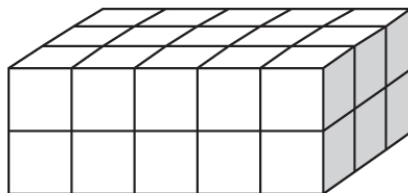
Numbers

0	1	2	3
4	5	6	7
8	9	,	.

Arithmetic and Units

≠	[-]	\$	°
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The rectangular prism shown is made from cubes. Each cube is 1-cubic unit.



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

Enter your answer in the box.

 cubic units

Enter your answer in the box.

$463 \times 1,945 =$

Enter your answer in the space provided.

$\frac{3}{4} + \frac{4}{5} - \frac{7}{10} =$



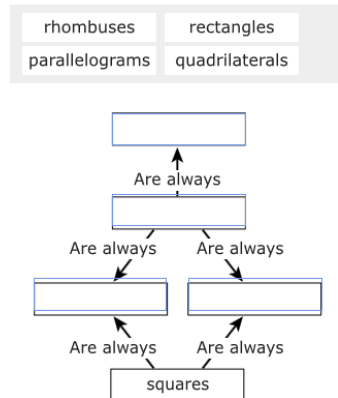
▼ Numbers

0	1	2	3
4	5	6	7
8	9	,	.

▼ Arithmetic and Units

≠	·	§	°
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Drag and drop the names to complete the diagram that shows the relationship among the figures listed. Each category will be used only once.



Enter your answer in the box.

$0.35 \times 1.5 =$

**Part A**

Enter your answer in the box.

$6.3 \times 0.1 =$

**Part B**

Enter your answer in the box.

$6.3 \div 0.1 =$

A community center has three swimming pools. The water level of each pool is measured at 8:00 p.m. each night. Two of the measurements from Saturday night are shown.

- The water level in the first pool is  $3\frac{5}{12}$  feet deep.
- The water level in the second pool is  $4\frac{3}{8}$  feet deep.

**Part A**

What is the difference in depth between the water levels of the second pool and the first pool, in feet?

Enter your answer in the space provided. Enter **only** your fraction.

▼ Numbers

0	1	2	3
4	5	6	7
8	9	,	.

▼ Arithmetic and Units

≠	[ ]	\$	°
---	-----	----	---

**Part B**

The water level in the third pool is  $2\frac{3}{4}$  feet deeper than the second pool. What is the total depth of the water level in the third pool, in feet?

Enter your answer in the space provided. Enter **only** your fraction.

▼ Numbers

0	1	2	3
4	5	6	7
8	9	,	.

▼ Arithmetic and Units

≠	[ ]	\$	°
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Emma has a board that is 5-feet long. She cuts the board into 6 equal pieces.  
Which equation shows how to find the length, in feet, of each piece of the board?

- A.  $5 \times 6 = 30$
- B.  $6 - 5 = 1$
- C.  $6 \div 5 = 1 \frac{1}{5}$
- D.  $5 \div 6 = \frac{5}{6}$

For each sentence, select the option from the drop-down menu that correctly compares the values.

The value of the 6 in 26.495 is  the value of the 6 in 17.64.

The value of the 3 in 0.931 is  the value of the 3 in 0.384.

Jen makes a rectangular banner. It is  $\frac{3}{4}$  yard long and  $\frac{1}{4}$  yard wide.

What is the area, in square yards, of the banner? Enter your answer in the space provided. Enter **only** your fraction.

↺ ↻ ↶ ✕ + - × ÷ □ □ = < > (-) ?

▾ Numbers

0	1	2	3
4	5	6	7
8	9	,	.

▾ Arithmetic and Units

≠	[ ]	§	°
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A cereal box has a height of 32 centimeters. It has a base with an area of 160-square centimeters.

What is the volume, in cubic centimeters, of the cereal box?

Enter your answer in the box.

cubic centimeters

Ammaar put  $\frac{4}{7}$  of the money he earned raking leaves in the bank. He spent  $\frac{1}{3}$  of the money on a book.

**Part A**

Drag and drop the fractions into the boxes to create an expression with common denominators that can be used to find the difference between the fraction of money Ammaar put in the bank and the fraction he spent on the book. Fractions may be used more than once or not at all. Drag and drop the fractions into the appropriate boxes.

- 

-

**Part B**

What is the difference between the fraction of money Ammaar put in the bank and the fraction he spent on the book?

Enter your answer in the space provided. Enter **only** your fraction.

0	1	2	3
4	5	6	7
8	9	,	.

≠	·	\$	°
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Enter your answer in the box.

$5.63 + 14.37 =$

Kurt drew a rectangular maze with a length of  $\frac{3}{4}$  foot and a width of  $\frac{5}{12}$  foot.

What is the area, in square feet, of Kurt's maze? Enter your answer in the space provided. Enter **only** your fraction.

0	1	2	3
4	5	6	7
8	9	,	.

≠	·	\$	°
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# EOY Mathematics PARCC Practice Test | 5th

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Drag and drop the expression that matches each statement into the correct box. Each expression may be used more than once or not at all.

$2 + 4 - 9$     $9 - 2 + 4$     $9 - (2 + 4)$

--	--	--

the sum of 2 and 4  
subtracted from 9

add 2 and 4, then  
subtract 9

subtract 2 from 9,  
then add 4

HOME / GRADE 5 MATHEMATICS / SESSION 1 / 25 OF 36

Enter the correct answer in the space provided.

$$\frac{5}{6} \times \frac{9}{10} =$$



Numbers

0	1	2	3
4	5	6	7
8	9	,	.

Arithmetic and Units

$\neq$	·	\$	°
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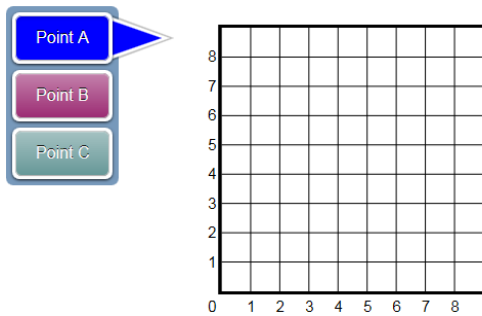


Mia is playing several rounds of a word game. Each coordinate pair shows the number of the round and Mia's score for that round. She is keeping track of these coordinate pairs on a graph.

- Round 1: (1, 3)
- Round 2: (2, 6)
- Round 3: (3, 3)

**Part A**

Graph Mia's scores for the first three rounds of play. Select the "Point A" button and plot Round 1. Select the "Point B" button and plot Round 2. Select the "Point C" button and plot Round 3. Be sure to graph all **three** points.



**Part B**

In Round 4, Mia scores the same number of points as in Rounds 2 and 3 combined.

What is the coordinate pair that represents Mia's score for Round 4?

- A. (4, 5)
- B. (9, 4)
- C. (5, 4)
- D. (4, 9)

Enter your answer in the box.

$1,534 \div 26 =$

Complete each conversion by dragging and dropping the correct number into the box.

- 

7 mm =  cm

7 cm =  m

m = 7 km

Select a phrase from each drop-down menu to correctly complete each sentence.

The product of  $\frac{3}{5}$  and 4 is  4.

The product of  $1\frac{1}{2}$  and 2 is  2.

The product of  $\frac{5}{2}$  and  $\frac{13}{4}$  is   $\frac{13}{4}$ .

Mr. Edwards is making sandwiches. He has 4 pounds of cheese. He puts  $\frac{1}{8}$  pound of cheese in each sandwich.

What is the total number of sandwiches Mr. Edwards made using all 4 pounds of cheese?

Enter your answer in the box.

sandwiches

There are two tanks at the aquarium, Tank A and Tank B. Each tank has two sections.

**Part A**

The volume of one section of Tank A is 24-cubic feet. The volume of the other section of Tank A is 96-cubic feet.

What is the total volume, in cubic feet, of Tank A?

- A. 4
- B. 72
- C. 120
- D. 2,304

**Part B**

Tank B has the same volume as Tank A.

The volume of one section of Tank B is 45-cubic feet. What is the volume, in cubic feet, of the other section of Tank B?

Enter your answer in the box.

cubic feet

Choose **three** statements that correctly describe the coordinate system.

- A. The x- and y-axes intersect at 10.
- B. The x- and y-axes intersect at the origin.
- C. The x- and y-axes are parallel number lines.
- D. The x- and y-axes are perpendicular number lines.
- E. The x- and y-coordinates are used to locate points in the coordinate plane.

Which statement about the corresponding terms in both Pattern A and Pattern B is always true?

Pattern A: 0, 5, 10, 15, 20, 25, 30

Pattern B: 0, 10, 20, 30, 40, 50, 60

- A. Each term in Pattern A is 2 times the corresponding term in Pattern B.
- B. Each term in Pattern A is  $\frac{1}{2}$  times the corresponding term in Pattern B.
- C. Each term in Pattern A is 5 less than the corresponding term in Pattern B.
- D. Each term in Pattern A is 10 less than the corresponding term in Pattern B.

### Part A

A company sells phones for \$515.00 each.

What is the total amount of money the company earns from selling 856 phones?

Enter your answer in the box.

\$

### Part B

The parts to build these phones cost \$189.00 for each phone.

What is the total cost of parts to build 856 phones?

Enter your answer in the box.

\$

Enter your answer in the box.

$$371 \times 2,584 = \text{[input box]}$$

Enter your answer in the box.

$$625 \times 847 = \text{[input box]}$$