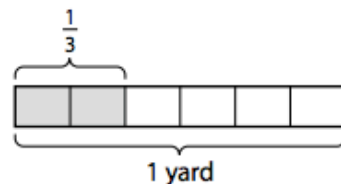


Solve the problems.

- 1** Manny has a piece of ribbon that is $\frac{1}{3}$ yard long. He cut it into 2 equal lengths to make bookmarks. How long is each piece of ribbon?

Use the model to solve.



- A** $\frac{2}{3}$ yard
- B** $\frac{2}{6}$ yard
- C** $\frac{1}{2}$ yard
- D** $\frac{1}{6}$ yard

- 2** Rita is painting the walls in the playrooms at the daycare center. She estimates that she will need $\frac{1}{4}$ gallon of paint for each wall. How many walls can she paint with 5 gallons of paint?

Fill in the blanks to complete the equation.

_____ \div _____ = _____

- 3** Wen and five friends equally share $\frac{1}{3}$ of a pan of snack bars. Which expression shows how much of the pan each person gets?

- A** $\frac{1}{3} \div 6$
- B** $\frac{1}{3} \times 6$
- C** $6 \div \frac{1}{3}$
- D** $6 \times \frac{1}{3}$

- 4** Yolanda has a $\frac{1}{6}$ -cup ladle that she uses to pour gravy over potatoes. She uses one full ladle for each serving of potatoes.

Part A

Fill in the table to show how many servings of potatoes Yolanda can make from the given amounts of gravy.

Cups of Gravy	Number of Servings
1	
2	
4	

- 5** Aiden mixed together $1\frac{1}{2}$ quarts of orange juice and $2\frac{1}{4}$ quarts of pineapple juice. Then he added $1\frac{1}{4}$ quarts of seltzer to make punch. How much more juice than seltzer did Aiden use to make punch?

Show your work.

- 6** Jason walks a 5-mile scenic walkway that stretches from the west to the east end of a park. There is a distance marker at each $\frac{1}{4}$ mile and one at the east end of the walkway. Which expression can be used to find the number of markers along the walkway? Circle all correct answers.

A $\frac{5}{4} \times 1$

D 5×4

B $5 \div \frac{1}{4}$

E $5 \times \frac{1}{4}$

C $\frac{1}{4} \div 5$

| A unit cube is shown below.



Which of these can best be measured using unit cubes?

- A** volume
- B** area
- C** weight
- D** temperature

- 8 In a tutoring session, $\frac{3}{4}$ hour was spent reviewing math problems. Maya attended $\frac{1}{3}$ of the tutoring session. How much time did Maya spend at the tutoring session?

Show your work.

- 9 Eli uses $2\frac{1}{3}$ cups of strawberries and $3\frac{3}{8}$ cups of blueberries to make a fruit salad. Which is a reasonable estimate for the amount of fruit Eli uses to make the fruit salad?

A between 5 and $5\frac{1}{2}$ cups

B between $5\frac{1}{2}$ and 6 cups

C between 6 and $6\frac{1}{2}$ cups

D between $6\frac{1}{2}$ and 7 cups

- 10 A poster is $\frac{2}{3}$ yard wide and $\frac{5}{3}$ yards long. How many square yards of the wall does the poster cover?

Show your work.

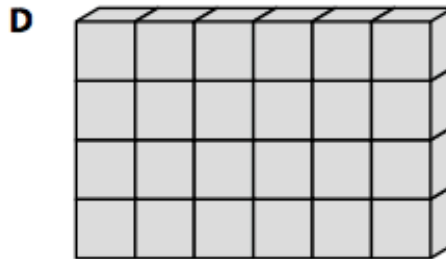
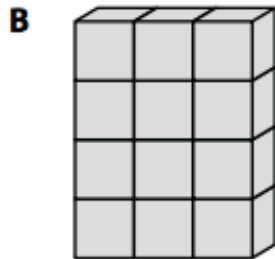
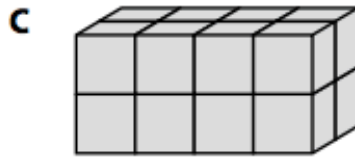
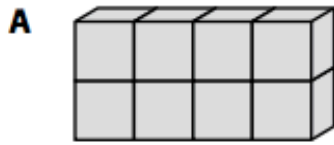
| The data show the number of photos six friends have on their phones. Find the median number of photos on the phones.

28, 39, 24, 19, 26, 28

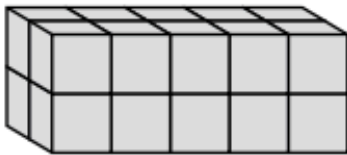
Show your work.

Answer: _____ photos

John builds a rectangular prism that has a volume of 12 cubic units. Which rectangular prism could be John's prism?



Caroline needs a box with the same volume as the one shown below. Each block in the box below has a volume of 1 cubic unit.



Draw a different box that Caroline could use. Draw and describe the number of layers in the box and the number of blocks in each layer.

The number of kilometers Jin ran each day last week is shown below. Jin says the mean distance is 2.3 kilometers.

3.0, 2.3, 4.2, 1.5, 2.0

Jin is not correct. What does he need to do to find the mean distance?

The table shows the cost of six animal posters at an art shop.

Cost of Animal Posters

Poster	1	2	3	4	5	6
Cost (\$)	\$15	\$12	\$14	\$24	\$14	\$11

Part A

Find and then describe the mean, median, and mode of the data.

Show your work.

Part B

The art shop sold out of one poster. The mean, median, and mode of the remaining data did not change. Which poster was sold out at the shop? Explain your answer.

Answer: _____

The line plot shows the bags of trash collected at 8 parks during a park cleanup event. What is the mode? Explain your thinking.

Trash Collected at Parks

