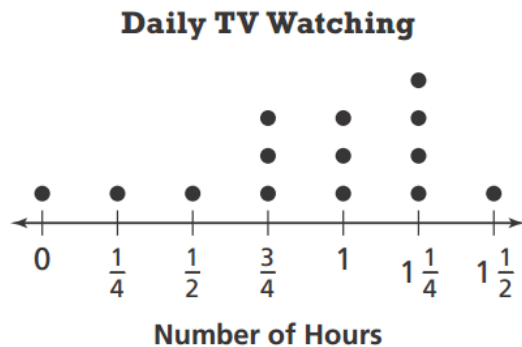
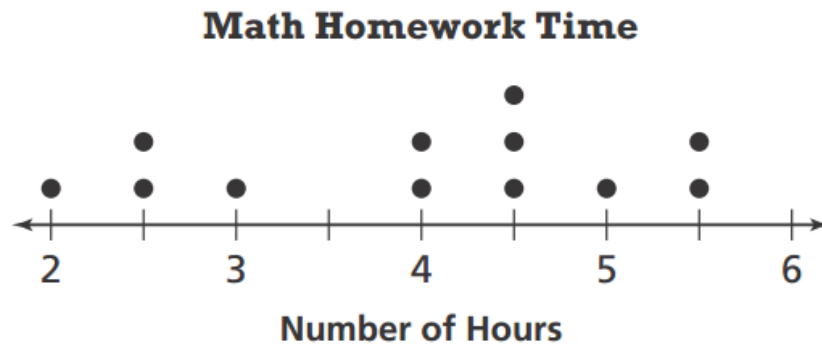


- 5.NBT.B.7-** Ken went to a county fair and spent \$5 on admission, \$6.50 on games, and \$7.21 on food. If he had \$30 before he went to the fair, how much money does he have left?
- 5.MD.B.2-** Jo kept track of how much TV she watched each day for two weeks. How many hours in all did she spend watching TV?



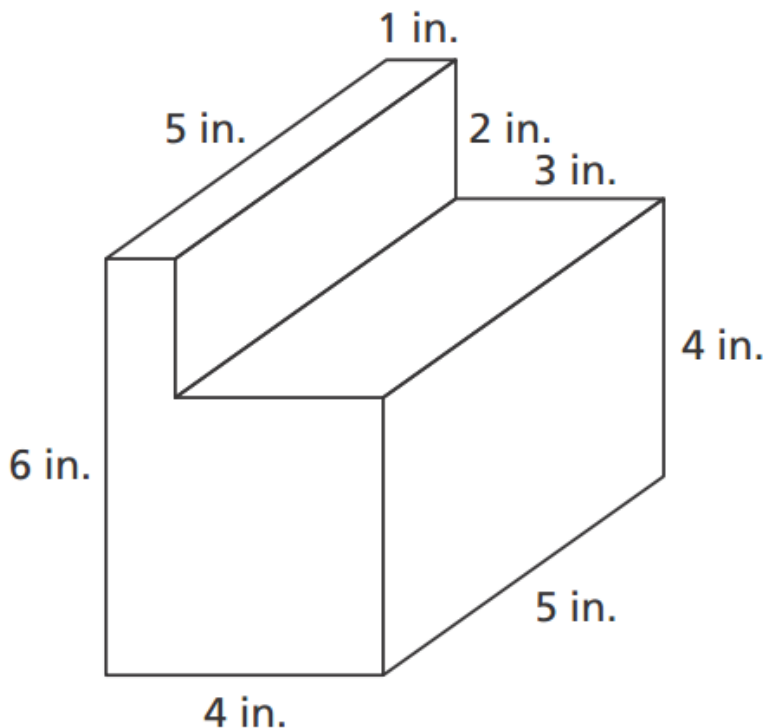
- $1\frac{1}{2}$  hours
  - $5\frac{1}{4}$  hours
  - $12\frac{1}{2}$  hours
  - $13\frac{1}{2}$  hours
- 5.MD.A.1-** The Johnsons sold corn at a local farmer's market. They sold  $56\frac{1}{2}$  pounds of corn to 15 customers. How many total ounces of corn did they sell?
  - 5.NF.A.2-** The length of an alligator in a zoo is  $14\frac{5}{8}$  feet. The Everglades National Park lists the longest alligator ever recorded in Florida at  $17\frac{5}{12}$  feet. Which is the difference in their lengths?
    - $2\frac{3}{4}$  feet
    - $2\frac{19}{24}$  feet
    - $3\frac{5}{8}$  feet
    - $3\frac{5}{6}$  feet

5. **5.MD.B.2-** The line plot shows the number of hours students spent doing their math homework last week.



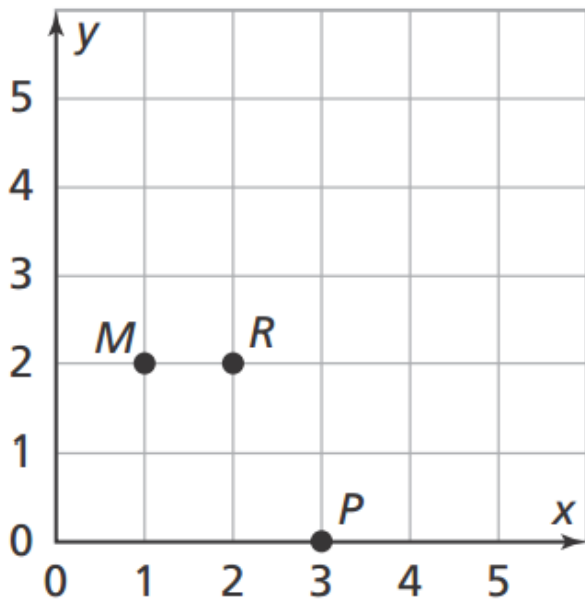
How many students spent  $4\frac{1}{2}$  hours or more on their math homework?

6. **5.MDC.5.C-** A cell phone manufacturer designed the new packaging shown below that will hold a cell phone, accessories, and an owner's manual. Which is the volume of the new packaging?



- a.  $130 \text{ in}^3$
- b.  $120 \text{ in}^3$
- c.  $110 \text{ in}^3$
- d.  $90 \text{ in}^3$

7. **5.NBT.B.7-** One quarter has a mass of 5.67 grams. What is the mass of 50 quarters in grams?
8. **5.NFB.7.C-** Jeremy has 3 pounds of ground beef to make hamburgers. How many  $\frac{1}{3}$  pound hamburgers can he make?
9. **5.GA.2-** The map below shows the locations of the houses of Maria, Reese, and Paul. Which are the coordinates of Maria's house at point M?



- a. (1,2)
- b. (2,1)
- c. (2,2)
- d. (1,3)

10. **5.OA.B.3**- Erin earns \$7.50 for each hour she works. Rita earns \$9.00 for each hour she works. The table shows the amounts that Erin and Rita earn for working 1 to 6 hours.

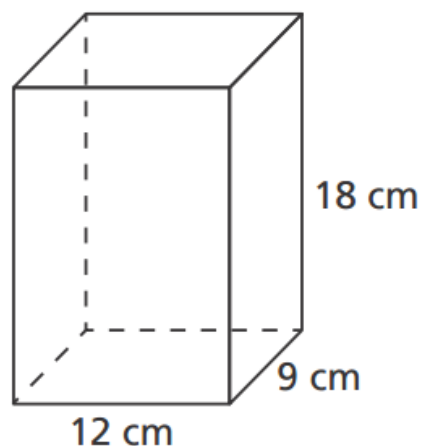
Hours	Erin	Rita
1	\$7.50	\$9.00
2	\$15.00	\$18.00
3	\$22.50	\$27.00
4	\$30.00	\$36.00
5	\$37.50	\$45.00
6	\$45.00	\$54.00

How will their total earnings compare for a 40 hour workweek?

- a. Rita will earn \$60 more than Erin.
- b. Erin will earn \$60 more than Rita.
- c. Rita will earn \$1,000 more than Erin.
- d. Erin will earn \$100 more than Rita.

11. **5.NBT.B.7**- Jasmine bought a game system that cost \$299 before tax. The sales tax was 0.07 times the price. What was the total cost of the game system including sales tax?

12. **5.MD.C.5b**- What is the volume of the box shown below?



13. **5.G.B.3-** Which statement is true?

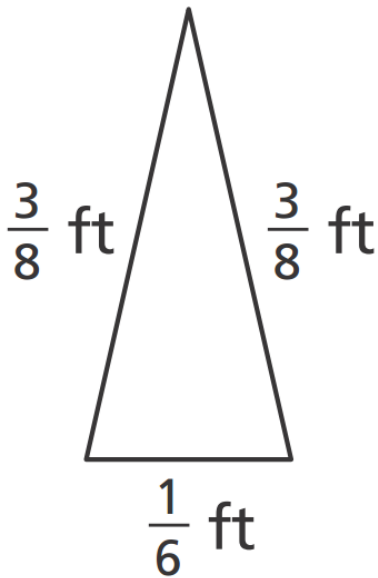
- a. Every rhombus has 4 equal angles.
- b. Every trapezoid has 2 pairs of opposite parallel sides.
- c. Every square has 4 equal sides and 4 right angles.
- d. Every parallelogram has 4 equal sides.

14. **5.NF.B.7c-** Fatima has  $\frac{1}{2}$  gallon of milk. She wants to pour all the milk into 6 glasses.

What fraction of a gallon should she pour into each glass?

- a.  $\frac{1}{12}$  gallon
- b.  $\frac{1}{8}$  gallon
- c.  $\frac{1}{4}$  gallon
- d.  $\frac{1}{2}$  gallon

15. **5.NF.A.2-** Which is the perimeter of the triangle below?



- a.  $\frac{7}{22}$  foot
- b.  $\frac{13}{24}$  foot
- c.  $\frac{22}{24}$  foot
- d.  $\frac{28}{24}$  foot

16. **5.NBT.B.6-** A flower shop ordered 1,176 flowers to make bouquets. Each bouquet will have 12 flowers. How many bouquets can the flower shop make?

17. **5.OA.B.3-** Samir can rent a moving truck from Company A for \$135 plus \$.50 per mile or from Company B for \$125 plus \$.70 per mile. Which statement is true?

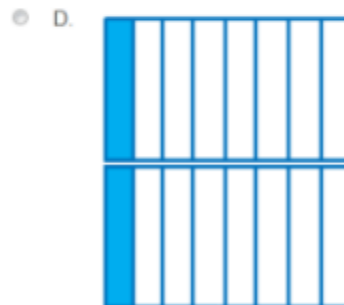
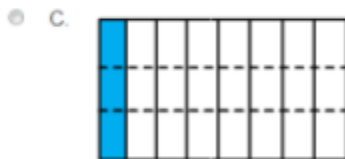
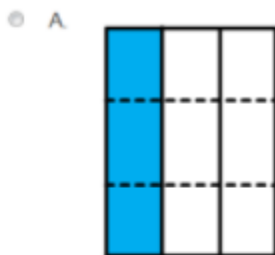
- a. Renting from Company A will always be cheaper.
- b. Renting from Company B will always be cheaper.
- c. Renting from both companies will cost the same if Samir drives the truck 50 miles.
- d. Renting from Company B will be cheaper if Samir drives the truck 100 miles.

**The following is a multipart problem. Please read the entire problem.**

**5.NF.5.7-** Peyton has  $\frac{1}{8}$  of a package beads left. She thinks she can make 3 bracelets from the beads left in the package.

**18.Part A**

Which diagram shows how Peyton can divide the beads into equal portions?



## 19.Part B

What fraction of the entire beads does each bracelet require?

- a.  $\frac{1}{8}$
- b.  $\frac{1}{3}$
- c.  $\frac{1}{24}$
- d.  $\frac{3}{8}$

**20.5.OA.A.2-** Alonzo, Enio, and George bought a watercolor pain box for \$15. 35 and three brushes for \$2.25 each. They had a coupon for \$2.00 off their purchase. They split the remaining cost equally. Which expression could be used to find the amount each person paid?

- a.  $(15.35 \div 3) + (2.25 \times 3) - 2$
- b.  $(15.35 \div 3) + 2.25 \times (3 - 2)$
- c.  $[15.35 + (2.25 \times 3) - 2] \div 3$
- d.  $(2.25 + 15.35 + 3) \div 3$

**21.5.OA.A.2-** Which expression represents the following calculation?

Add the product of 7 and 5 to the quotient of 288 and 18.

- a.  $288 \div (7 \times 5) + 18$
- b.  $(7 \times 18) + (288 \times 5)$
- c.  $(288 - 18) \div (7 + 5)$
- d.  $(288 \div 18) + (7 \times 5)$

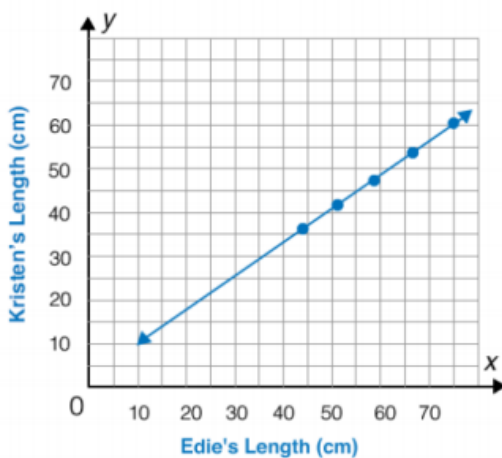
**22.5.OA.B.3-** Edie and Kristen are both knitting scarves that will be the same length. Edie is 60 centimeters from finishing and knits 6 centimeters each day. Kristen is 75 centimeters from finishing and knits 8 centimeters each day. The table shows the number of centimeters remaining for both girls after knitting for 4 days.

Day	Start	1	2	3	4
Edie	60	54	48	42	36
Kristen	75	67	59	51	43

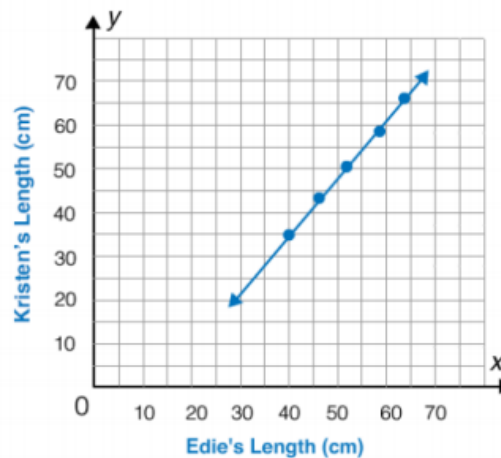
**Part A**

Which graph represents the data in the table?

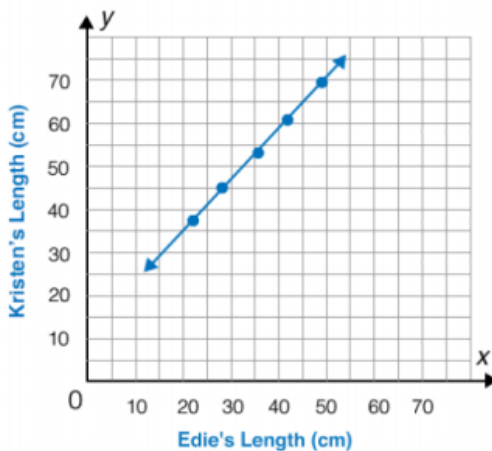
A.



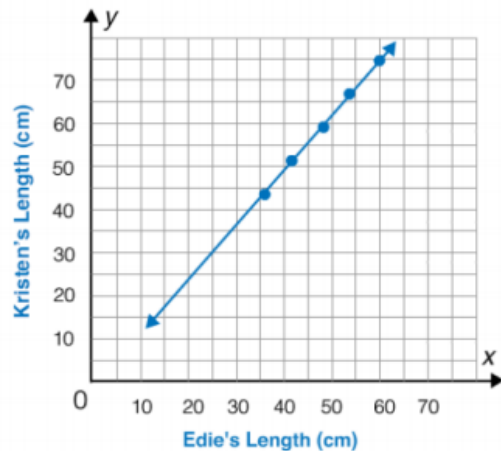
B.



C.



D.

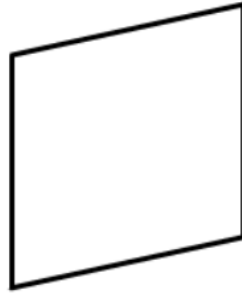


**Part B**

How many centimeters will Kristen have left to knit when Edie has 12 centimeters left to knit?

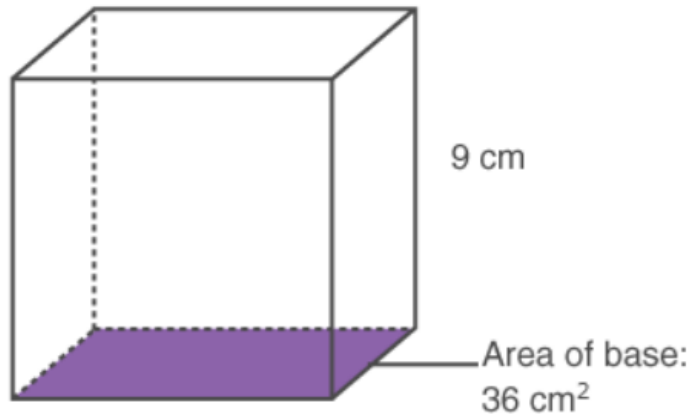


23.5.G.B.3 Select all the names that could be used to describe the figure.



- A. Parallelogram
- B. Quadrilateral
- C. Rhombus
- D. Square
- E. Trapezoid

24. 5.MD.C.5 Lillian is wrapping a gift box that has the size shown below. What is the volume of the box?



25.5.OA.A.2- Which expression represents a number that is four times greater as the quotient of 25 and 5?

- a.  $(25 \times 5) \times 4$
- b.  $4 \div (25 \times 5)$
- c.  $4 \times (25 \div 5)$
- d.  $(25 \div 5) \div 4$

**26.5.NF.B.7** Jackson is making brownies. He uses the following ingredients.

Ingredients	Amount for 1 Batch of Brownies
Flour	3 cups
Sugar	2 cups
Butter	$\frac{1}{3}$ cup
Cocoa Powder	$\frac{1}{4}$ cup

Jackson has 1 cup of butter. If he wants to use all of the butter, how many batches of brownies can he make?

**Part A**

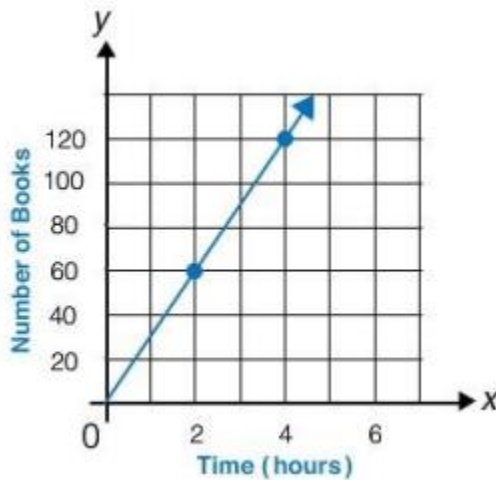
Which equation can you use to solve the problem?

- a.  $1 \div 3 = 3$
- b.  $1 \div \frac{1}{3} = 3$
- c.  $1 \times \frac{1}{3} = \frac{1}{3}$
- d.  $1 + \frac{1}{3} = \frac{1}{3}$

**Part B**

Jackson used all the butter to make the brownies. If each brownie is  $\frac{1}{9}$  of a batch, how many brownies did he make?

**27.5.G.A.2** Nick volunteers at the library shelving books. The graph shows how many books Nick shelves one Saturday.



**Part A**

How many books does Nick shelve in 2 hours?

**Part B**

What does the point (3, 90) represent on the graph?

- A. Nick volunteers 90 hours in 3 weeks.
- B. Nick earns \$90 in 3 weeks.
- C. Nick shelves 90 books in 3 hours.
- D. Nick shelves 90 books on 3 Saturdays.

**28.5.G.B.3** For each sentence insert a word that will make the statement true. Words may be used once or more than once. Your choices are:

**never**                      **sometimes**                      **always**

Equilateral triangles are \_\_\_\_\_ acute angles.

Scalene triangles are \_\_\_\_\_ acute angles.

Right triangles are \_\_\_\_\_ acute angles.

Obtuse triangles are \_\_\_\_\_ isosceles triangles.

29.5.OA.B.3 The tables below show the number of cups of flour for two different cake recipes.

Chocolate Cake:

<b>Layers</b>	1	2	3	4
<b>Flour (c)</b>	2	4	6	8

Banana Cake:

<b>Layers</b>	1	2	3	4
<b>Flour (c)</b>	3	6	9	12

**Part A**

Complete the rule for each cake by filling in the blanks.

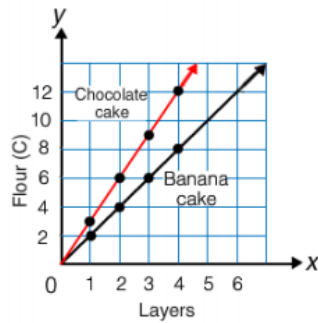
**Chocolate cake:** Add \_\_\_\_\_ cups of flour for each layer.

**Banana cake:** Add \_\_\_\_\_ cups of flour for each layer.

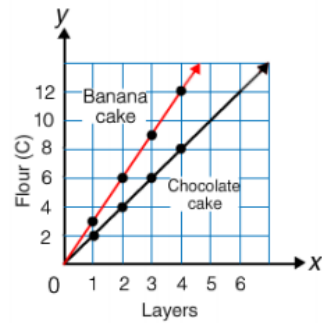
**30.Part B**

Which graph best represents the data in the tables?

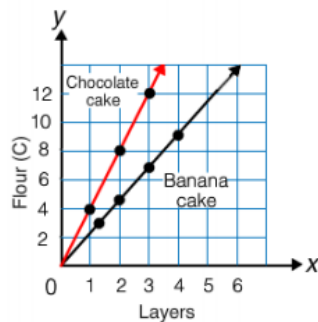
A.



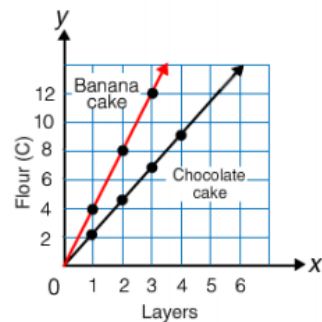
B.



C.



D.



**Part C**

According to the graph, how many more cups of flour will it take to make 6 layers of banana cake than chocolate cake?