

School Closing
Math
Third Grade

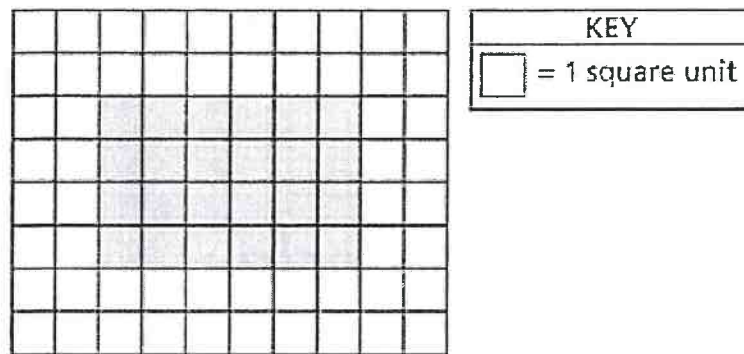
Name

Dear Families,

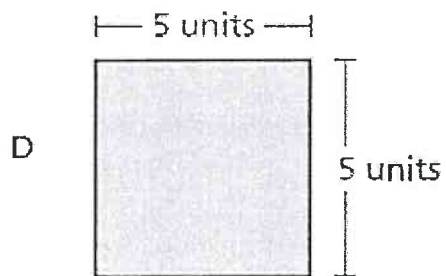
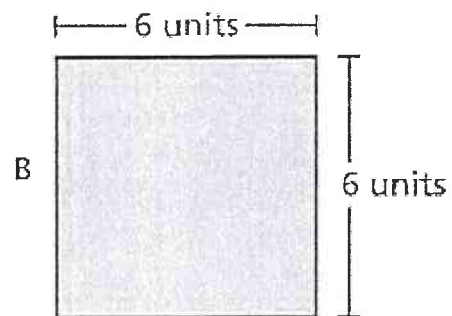
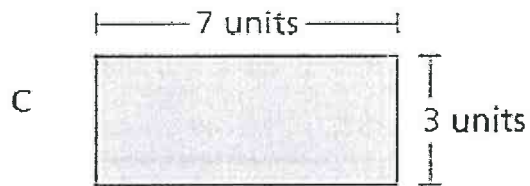
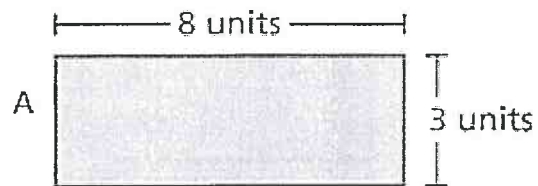
Attached is a packet that students need to work on in case there is a school closing due to the Coronavirus. This packet does not need to be completed unless school closes for sanitizing purposes. Please feel free to contact us with any questions or concerns.

Thank you ,
Third Grade Teachers

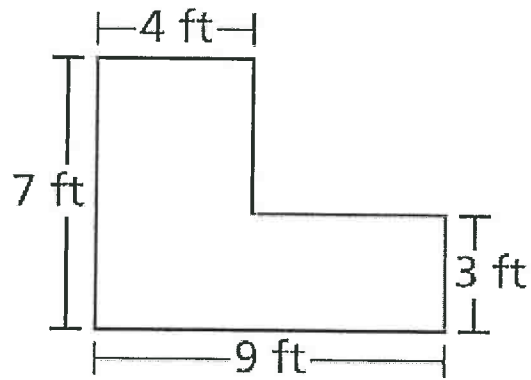
Tomas made a poster for his science project. The shaded part of the figure below shows the area of his poster.



Which figure has the same area as the poster?



The shape of Cindy's flower garden is shown below.



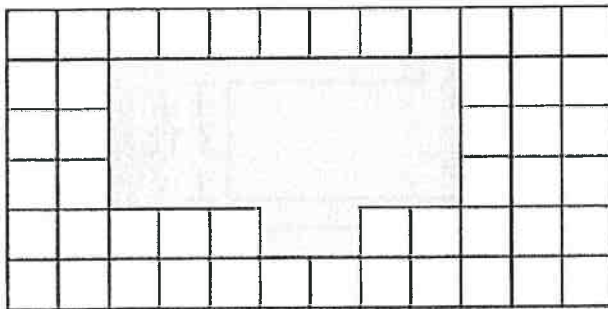
What is the area, in square feet, of Cindy's flower garden?


- A 23
- B 32
- C 43
- D 47

Name _____ Date _____

3.MD.C.7 sample questions

What is the area, in square units, of the shaded shape on the grid below?



KEY	
	= 1 square unit

- A** 22
- B** 23
- C** 28
- D** 72

Which two fractions should be plotted at the same location on a number line?

A $\frac{3}{4}$ and $\frac{4}{8}$

B $\frac{1}{4}$ and $\frac{2}{8}$

C $\frac{2}{4}$ and $\frac{4}{6}$

D $\frac{1}{2}$ and $\frac{2}{6}$

The shape below is shaded to represent a fraction.



Which shape is shaded to represent a fraction equivalent to the shape shown above?



Lucy is counting by 2s. She starts with the number 2 and stops at the number 50. Which number would Lucy not count?

- A 11
- B 22
- C 34
- D 48

Which statement is true?

- A The product of 5×2 is even because both of the factors are even.
- B The product of 4×4 is odd because both of the factors are even.
- C The product of 2×7 is even because both of the factors are odd.
- D The product of 5×3 is odd because both of the factors are odd.

3.OA.D.8 sample questions

Carmen saved 592 pennies. Her sister saved 128 pennies. Together, they put 250 pennies in wrappers and took them to the bank. What is the total number of pennies, rounded to the nearest hundred, Carmen and her sister have left?

- A 300
- B 500
- C 700
- D 1,000

Colton and his dad bought a gallon of paint that cost \$13. They also bought 2 brushes that cost \$9 each. What was the total cost, not including tax, of the brushes and the paint they bought?

- A \$22
- B \$24
- C \$31
- D \$35

Edwin uses 4 rolls of green ribbon and 8 rolls of purple ribbon for a project.

- Each roll of green ribbon has a length of 90 feet.
- Each roll of purple ribbon has a length of 60 feet.

What is the difference in length, in feet, between the total amount of green ribbon and the total amount of purple ribbon Edwin uses?

Show your work.

There were 80 adults and 20 children at a school play. The school collected \$8 for each adult's ticket and \$3 for each child's ticket. The school donated \$125 of the money from tickets to a local theater program and used the remaining money to buy supplies for next year's school play.

How much money does the school have to buy supplies for next year's play?

Show your work.

A baker made 232 muffins. He sent 190 of the muffins to a local hotel. He will put the rest of the muffins in boxes. Each box can hold 6 muffins. Which equation can be used to find b , the number of boxes the baker will need?

A $(232 - 190) \div 6 = b$

B $(232 + 190) \times 6 = b$

C $(232 - 190) \times 6 = b$

D $(232 + 190) \div 6 = b$

Mr. Kohlberg owns a flower shop. At the beginning of the day, he had 152 roses. Mr. Kohlberg sold 96 of the roses and then wanted to separate the rest of the roses equally among 8 vases. What will be the total number of roses in each vase?

A 7

B 12

C 48

D 56

Ms. Amani and Mr. Blake each ordered supplies for their classrooms. The cost of the supplies is shown below.

CLASSROOM SUPPLIES

Supply	Cost
Pencil Case	\$3
Box of Crayons	\$4
Pack of Folders	\$2

Ms. Amani ordered 7 pencil cases and 9 packs of folders. Mr. Blake ordered 9 boxes of crayons. What is the difference in the cost of the supplies Ms. Amani ordered and the cost of the supplies Mr. Blake ordered?

Show your work.

Conor made 9 shapes with straws. Each shape had 5 straws. Conor used 15 more straws to make more shapes. What is the total number of straws Conor used to make all the shapes?

- A 20
- B 29
- C 45
- D 60

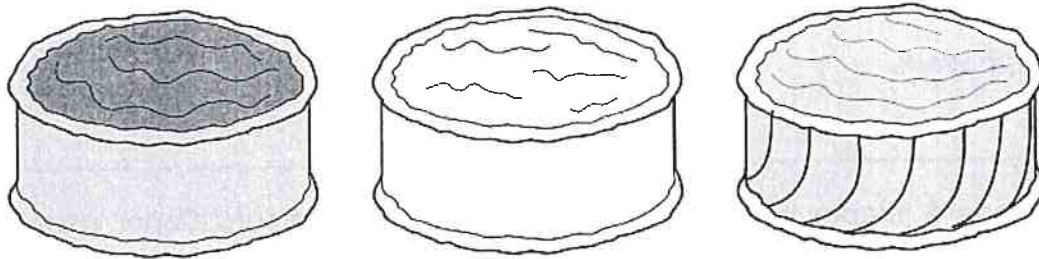
Last weekend Sanjay watched 3 television shows that were each 30 minutes long. He also watched 1 movie on television that was 90 minutes long. What is the total number of minutes Sanjay watched television last weekend?

- A 100
- B 120
- C 150
- D 180

The Rogers family drove a total of 482 miles, starting on Friday and ending on Sunday. They drove 138 miles on Friday and 225 miles on Saturday. How many miles did they drive on Sunday?

- A 119
- B 121
- C 363
- D 745

A bake sale had the 3 cakes, as shown below, for sale.



Each cake was cut into 6 slices. Each slice was sold for \$5.

What was the total amount earned for the sale of all the cakes?

Show your work.

Jerome had 23 farm animal stickers and 17 sea animal stickers. Jerome used all of the stickers to fill an 8-page scrapbook. He put the same number of stickers on each page. How many stickers did he put on each page?

- A 5
- B 6
- C 32
- D 40

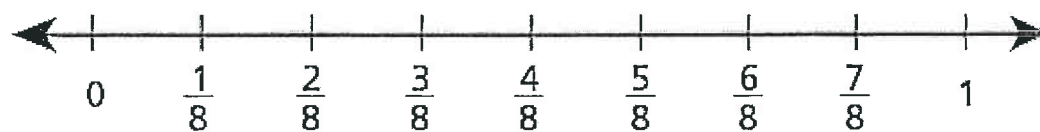
Mr. Tran needs 96 tiles to cover his kitchen floor. He already has 60 tiles. Tiles come in packages of 4. What is the total number of packages he will need to buy to finish covering his kitchen floor?

Show your work.

Selena had 204 stamps in her collection. She bought 47 more stamps. If she gave 38 stamps to her brother, how many stamps does Selena have now?

- A** 119
- B** 195
- C** 213
- D** 289

A number line is shown below.



Which pair of fractions is equivalent?

- A** $\frac{5}{8}$ and $\frac{2}{4}$
- B** $\frac{2}{4}$ and $\frac{4}{8}$
- C** $\frac{3}{8}$ and $\frac{2}{4}$
- D** $\frac{2}{4}$ and $\frac{2}{8}$

Which fraction is equivalent to $\frac{2}{8}$?

- A** $\frac{1}{8}$
- B** $\frac{1}{4}$
- C** $\frac{2}{4}$
- D** $\frac{4}{8}$

Which fraction goes in the blank to make a true number sentence?

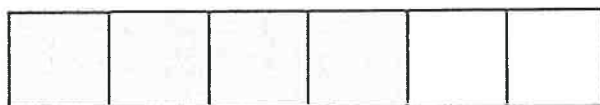
$$\frac{4}{8} > \underline{\quad ? \quad}$$

- A** $\frac{4}{6}$
- B** $\frac{2}{8}$
- C** $\frac{7}{8}$
- D** $\frac{4}{4}$

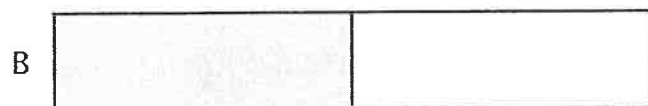
Jaime has a small container that holds exactly $\frac{1}{4}$ cup of dog food. How many times should Jaime fill the container and pour it into the dog's bowl to make sure the dog gets exactly $\frac{1}{2}$ cup of food?

- A** $\frac{1}{4}$
- B** $\frac{1}{2}$
- C** 2
- D** 4

The fraction strip shown below is shaded to represent a fraction.



Which fraction strip is shaded to represent a fraction equal to the fraction strip shown above?



Which fraction comparison is not correct?

A $\frac{1}{3} < \frac{2}{3}$

B $\frac{3}{4} < \frac{1}{4}$

C $\frac{2}{3} > \frac{2}{8}$

D $\frac{5}{6} > \frac{5}{8}$

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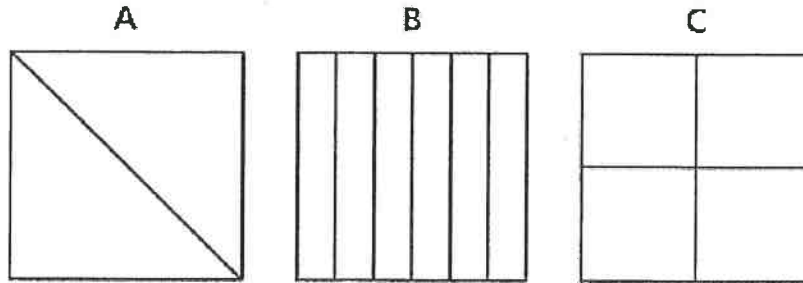
A band has 36 members. They are arranged into 6 equal rows. How many band members are in each row?

Show your work.

Can the same 36 band members be placed into exactly 7 equal rows? Why or why not?

Explain your answer.

Shade the models below to show 3 equivalent fractions and explain why they are equivalent.



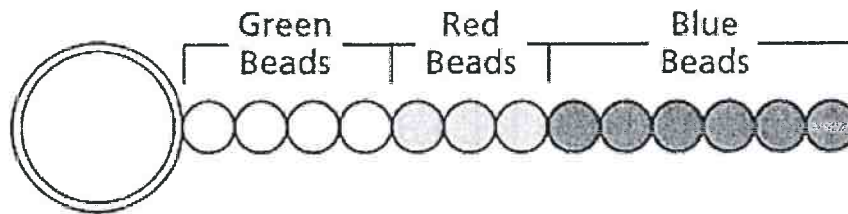
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Show your work.

Sharon wants to make key chains with different-colored beads, as shown below.

KEY CHAIN



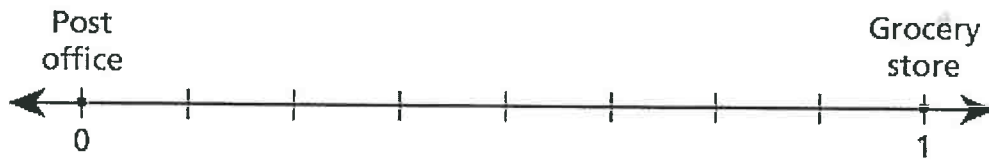
Each key chain will look the same. Sharon will use a total of 20 green beads to make all her key chains. What is the number of red beads and the number of blue beads she will need to make all of the key chains?

Show your work.

Answer _____ red beads

3rd grade 3 point sample questions

Amy and Barney live on a road between the post office and the grocery store. The post office and the grocery store are 1 mile apart. The road is represented by the number line below.

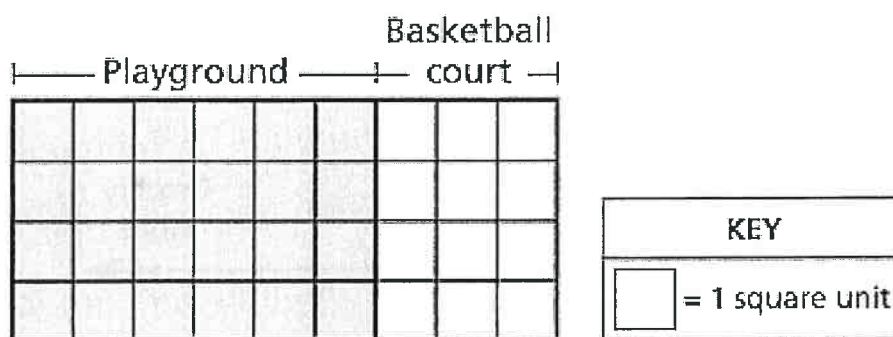


- Amy lives $\frac{2}{8}$ mile from the post office.
- Barney lives $\frac{3}{8}$ mile from Amy's house.

Draw and label points for Amy's house and Barney's house on the number line. Use labels A for Amy and B for Barney.

How far does Barney live from the post office?

The grid below shows a playground and a basketball court at a park.



What is the area of the playground?

Answer _____ square units

What is the total area of both the playground and the basketball court?

Answer _____ square units

Fill in the blanks to show how the number sentence below can be used to find the total area of the playground and the basketball court.

Answer $(4 \times \underline{\quad}) + (4 \times \underline{\quad}) = 4 \times (\underline{\quad} + \underline{\quad})$