

The rectangular floor of Ms. Ragan's closet is completely covered with carpet squares. Each carpet square covers 1 square foot of the floor. There are 4 rows, and each row has 16 carpet squares.

What is the area of the floor of this closet in square feet?

A group of people bought tickets for a roller coaster ride.

- The group spent \$4 for each ticket.
- Altogether the group spent \$48 on tickets.
- Each person in the group got 2 tickets.

How many people were in the group?

A movie theater has 710 seats.

- 158 seats are red.
- 247 seats are black.
- 119 seats are yellow.
- The rest of the seats are green.

How many seats are green?

Ms. González is putting square stickers on a rectangular poster. Each sticker has an area of 1 square inch. She has already put some stickers on the poster as shown.



What is the area of the entire poster in square inches?

SCHEMA: EG & EG

SCHEMA: EG

Grade 3

Grade 3

SCHEMA: EG

SCHEMA: T & D

Grade 3

Grade 3

Greg had a package of 14 stars to put on the 2 posters shown. He put the same number of stars on each poster, and he used all the stars in the package.

Poster 1



Poster 2



How many stars did Greg put on each poster?

Alex bought 4 packages of pink golf balls and 2 packages of orange golf balls. There were 12 golf balls in each package.

How many golf balls did Alex buy?

At the beginning of September, Mr. Watkins had 543 erasers.

- During September he gave his students 99 of the erasers.
- During October he gave his students 212 of the erasers.

How many erasers did Mr. Watkins have at the end of October?

A theater sold tickets for three movies. The table shows the number of tickets sold for each movie.

Movie Tickets Sold

Movie	1	2	3
Number of Tickets	143	158	175

What was the total number of tickets the theater sold for these three movies?

SCHEMA: T & EG

SCHEMA: EG

Grade 3

Grade 3

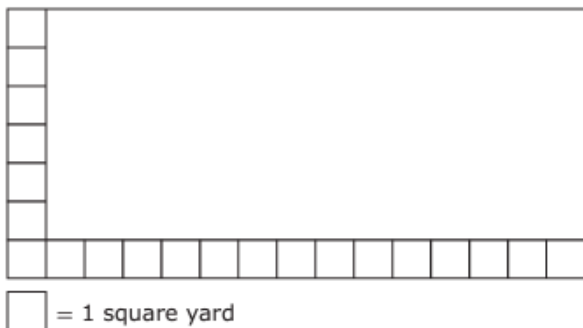
SCHEMA: T

SCHEMA: C

Grade 3

Grade 3

Workers at a school are covering a rectangular patio with square tiles. Each square tile has an area of 1 square yard. The figure shows the part of the patio that has already been covered with square tiles.



What is the area of the entire patio in square yards?

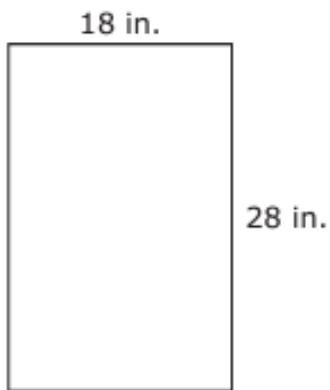
The table shows the number of snow cones sold at a shop on each of three days.

Snow Cones

Day	Number Sold
Friday	273
Saturday	123
Sunday	305

Which answer choice is the best estimate of the total number of snow cones sold on these three days?

The side lengths of a rectangular mirror are shown in inches.



What is the perimeter of the mirror in inches?

Miriam had 63 flowers and 9 vases.

- She threw away 9 flowers that had broken stems.
- She put an equal number of all the flowers she had left into each vase.

What is the greatest number of flowers Miriam put into each vase?

SCHEMA: T

SCHEMA: EG

Grade 3

Grade 3

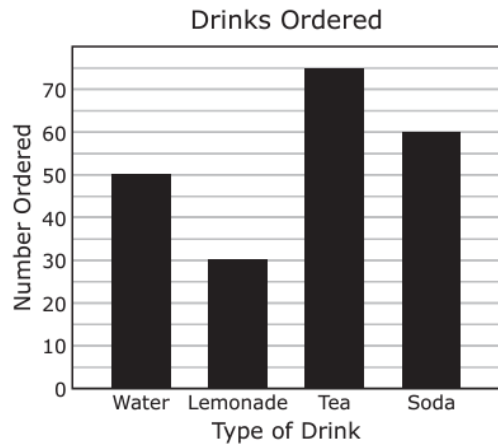
SCHEMA: C & EG

SCHEMA: T

Grade 3

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The bar graph shows the number of each different type of drink that was ordered in a restaurant one day.

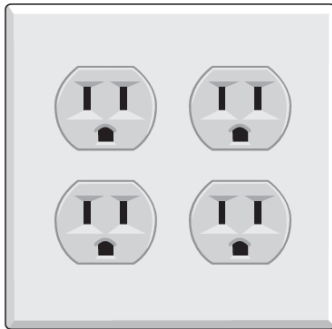


What was the total number of drinks ordered?

There are 4 erasers on each table in a classroom. There are 5 tables in the classroom.

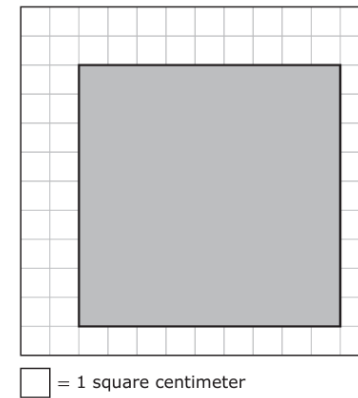
What is the total number of erasers on all of the tables in this classroom?

The electrical panel shown has 4 outlets.



How many outlets do 6 of these electrical panels have?

Heidi is making a rectangular card. The shaded rectangle on the grid represents the card.



What is the area of this card in square centimeters?

SCHEMA: EG

SCHEMA: T

Grade 3

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SCHEMA: EG

SCHEMA: EG

Grade 3

Grade 3

There are two lions at a zoo. The weight of the younger lion is 379 pounds. The weight of the older lion is 514 pounds.

What is the difference in pounds between these two weights?

The perimeter of the rectangular floor of Mr. Bryan's cabin is 46 feet. The width of the floor is 10 feet, as shown.



What is the length of the floor of Mr. Bryan's cabin in feet?

A softball team played in 6 tournaments last year. The team paid \$95 to play in each tournament.

What was the total amount the softball team paid to play in these 6 tournaments?

Hector played a game 14 times. Each time he played, he threw 4 red balls and 3 green balls at a target.

What was the total number of balls Hector threw at the target?

SCHEMA: T & EG

SCHEMA: D

Grade 3

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SCHEMA: T & EG

SCHEMA: EG

Grade 3

Grade 3

Gerardo bought 3 packages of mint gum and 2 packages of bubble gum. Each package had 8 pieces of gum.

How many pieces of gum did Gerardo buy?

Serafina put a total of 42 cupcakes into packages. She put 6 cupcakes into each package.

What is the total number of packages Serafina used for these cupcakes?

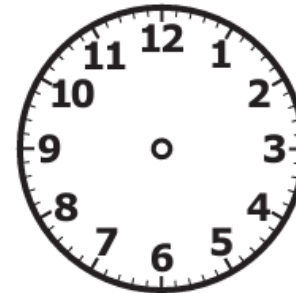
Freddie had \$256 in his bank account.

- On Monday he put \$50 more into his account.
- On Tuesday he took out \$87 to buy a bicycle.

Which equation can be used to find the amount of money Freddie had in his bank account after he took out money on Tuesday?

Felix swam, rode his bike, and ran in a race.

- He spent 19 minutes swimming.
- He spent 21 minutes riding his bike.
- He spent 30 minutes running.



What was the total amount of time Felix spent swimming, riding his bike, and running in this race?

SCHEMA: EG

SCHEMA: T & EG

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Grade 3

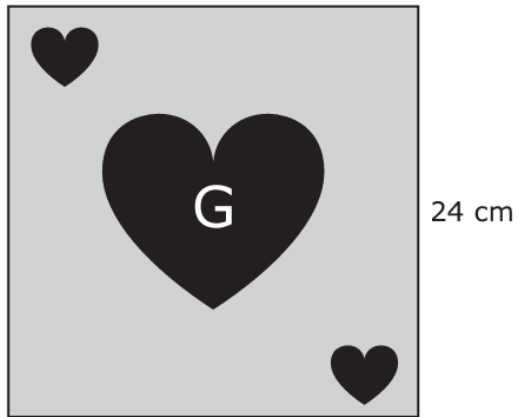
SCHEMA: T

SCHEMA: C

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Gina's journal has a square cover with the side length shown.

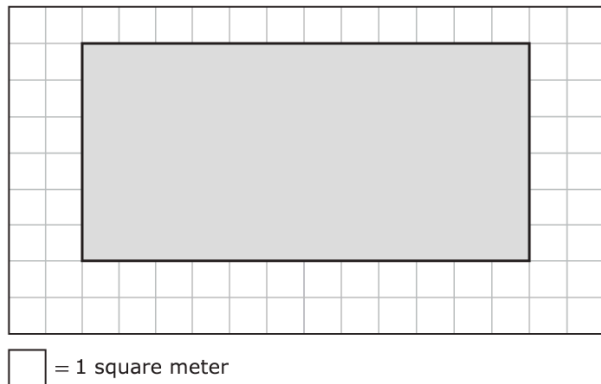


What is the perimeter of the cover of Gina's journal in centimeters?

Roger has two boxes of nails. One box has 438 nails, and the other box has 375 nails.

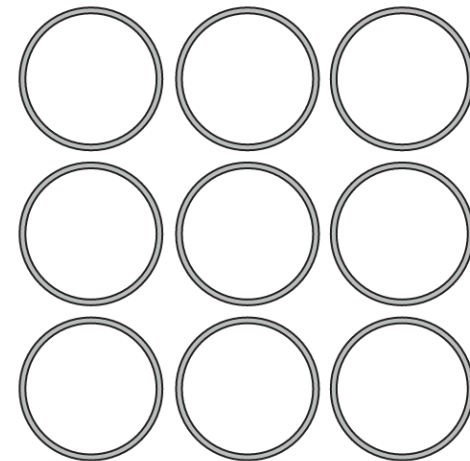
How many nails does Roger have in these two boxes?

The shaded figure on the grid represents Erin's rectangular lawn.



What is the area in square meters of Erin's lawn?

A group of 27 students played a game with the hoops shown. An equal number of the students shared each hoop.



How many students shared each hoop?

SCHEMA: T

SCHEMA: T

Grade 3

Grade 3

SCHEMA: EG

SCHEMA: EG

Grade 3

Grade 3

There are 6 photographs on each page of an album. One page of the album is shown.



How many photographs are on 9 pages of the album?

There are 3 basketball teams practicing together in a gym.

- Each team has 10 players.
- All of the players are used to make 6 groups during the practice.
- There is an equal number of players in each group.

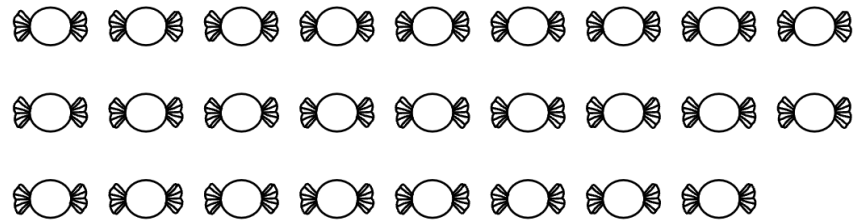
How many players are in each group?

Samantha, Gordon, and Diego each brought an ice chest to a picnic.

- The weight of Samantha's ice chest was 83 pounds.
- The weight of Gordon's ice chest was 28 pounds.
- The weight of Diego's ice chest was 37 pounds.

What was the difference in pounds between the weight of Samantha's ice chest and the combined weight of Gordon's and Diego's ice chests?

Lupita has 26 pieces of candy as shown.



She puts two pieces of candy each into bags.

How many bags does Lupita need for all of the candy?

SCHEMA: T & D

SCHEMA: EG

Grade 3

Grade 3

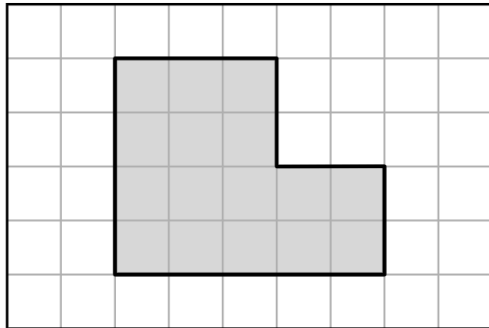
SCHEMA: EG


SCHEMA: EG & EG

Grade 3

Grade 3

The shaded figure on the grid represents the ceiling of a closet. The ceiling has two rectangular sections.



 = 1 square foot

What is the area of the ceiling in square feet?

Ms. Green has some fabric to make costumes for three different plays at school. The table shows the number of yards of fabric Ms. Green used to make the costumes for each play.

Fabric Used

Play	Fabric (yards)
X	69
Y	48
Z	53

Ms. Green had 27 yards of fabric left over after making costumes for these plays. How many yards of fabric did Ms. Green start with?

Martin has 11 cages in his bird store. Each cage can hold 7 birds. The store has 21 birds in its cages.

What is the greatest number of birds Martin can add to his cages?

Last month the school store sold 107 T-shirts and 88 sweatshirts. How many more T-shirts were sold than sweatshirts?

SCHEMA: C

SCHEMA: EG & EG & T

SCHEMA: D

SCHEMA: EG & D

Vince built a fence around his rectangular garden. The perimeter of the garden is 26 feet. The length of the garden is 8 feet.

What is the width of the garden in feet?

An artist painted 20 skateboards on Saturday. She painted 4 flowers on each skateboard.

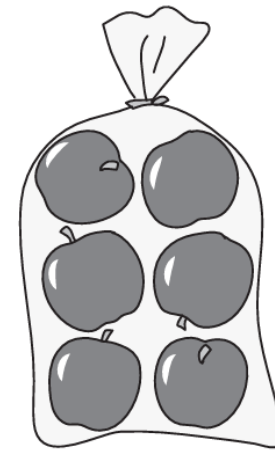
Which equation can be used to find the total number of flowers the artist painted on these skateboards?

Ms. Morales made 28 fluid ounces of sugar water to fill the hummingbird feeders in her backyard.

- She put 8 fluid ounces of sugar water into each feeder.
- She put all the sugar water she made into the feeders.

What equation can be used to find the total number of feeders Ms. Morales filled with sugar water?

There are 6 apples in each of 7 bags like the one shown.



What is the total number of apples in all 7 bags?

SCHEMA: EG

SCHEMA: T & EG

Grade 3

Grade 3

SCHEMA: EG

SCHEMA: EG

Grade 3

Grade 3

A jar is full of nickels and dimes. There are 368 nickels in the jar. There are 109 more dimes than nickels in the jar.

What is the total number of nickels and dimes in the jar?

Rami made 54 muffins. He put the muffins in boxes with 6 muffins in each box.

What is the total number of boxes Rami needed for all the muffins?

Skye completed 3 levels of a computer game.

- She won 465 points in Level 1.
- She lost 192 points in Level 2.
- She won 309 points in Level 3.

What equations can be used to find the total number of points Skye had at the end of Level 3?

Glynnna will put the same number of candles on each of 4 cakes. She bought 3 boxes of candles. Each box has 8 candles. Glynnna will use all the candles.

What equation can be used to find the number of candles Glynnna should put on each cake?

SCHEMA: C

SCHEMA: T

Grade 3

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SCHEMA: EG & EG

SCHEMA: EG

Grade 3

Grade 3

Samantha drew an octagon with each side length measuring 3 centimeters.

What is the perimeter of the octagon in centimeters?

A park was visited by 356 adults and 598 children last week.

What was the total number of adults and children who visited the park last week?

A librarian needs to place a total of 36 new books on 4 shelves. The same number of books will be on each shelf.



How many books should the librarian put on each shelf?

Mr. Yates walks around the perimeter of a square playground every day for exercise. Each side of the playground is 29 yards long.

What is the perimeter of the playground in yards?

SCHEMA: T

SCHEMA: EG

Grade 3

Grade 3

SCHEMA: T

SCHEMA: EG

Grade 3

Grade 3

Xavier drew a hexagon with each side length measuring 4 centimeters.

What is the perimeter of the hexagon in centimeters?

Gerald made 24 cupcakes. He put them in boxes with 4 cupcakes in each box.

What is the total number of boxes Gerald needed for all the cupcakes?

SCHEMA: EG

SCHEMA: EG

Grade 3

Grade 3