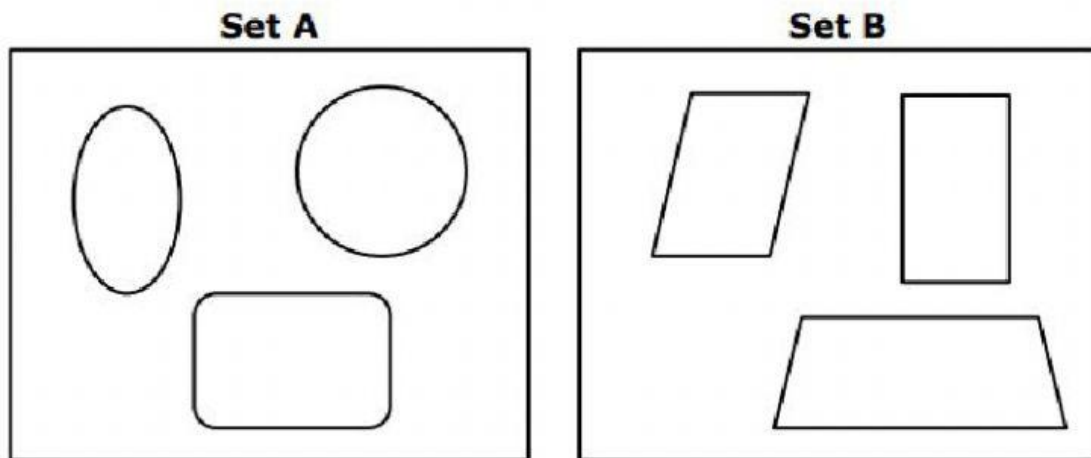


Name: _____

Date: _____

The figures below are sorted into two groups.



Which statement about the two groups of figures is NOT true?

- A** Each figure in Set A has no vertices.
- B** Each figure in Set B has four vertices.
- C** Each figure in Set B has four straight edges.
- D** Each figure in Set A is a polygon.

A group of figures is shown below.

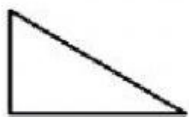


Figure 1



Figure 2



Figure 3

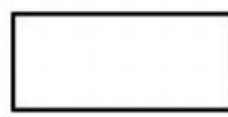


Figure 4

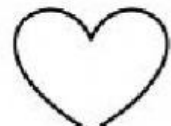


Figure 5

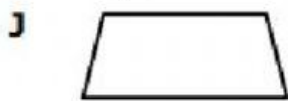
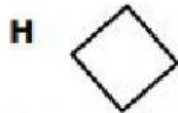
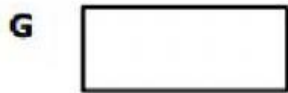
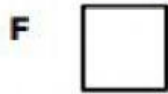
Which of these figures are NOT quadrilaterals?

- F** Figures 1, 3, 4, and 5
- G** Figures 1, 3, and 4
- H** Figures 2 and 5
- J** Figures 1, 2, and 5

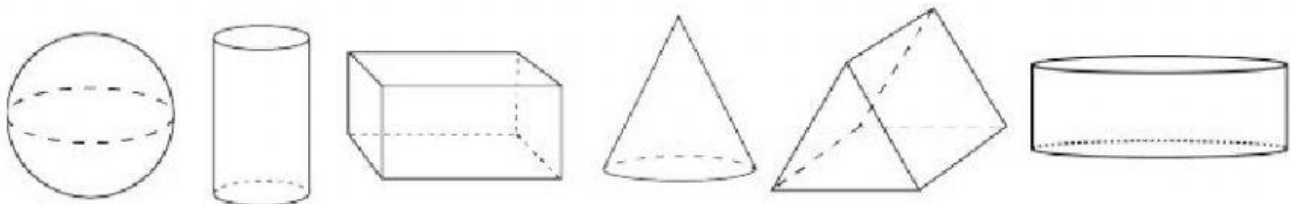
Phoebe made up a riddle about a figure for her friend to solve.

- A shape has two congruent edges.
- The shape has exactly one set of parallel sides.
- The shape is a quadrilateral.

Which could be the shape that Phoebe is describing?



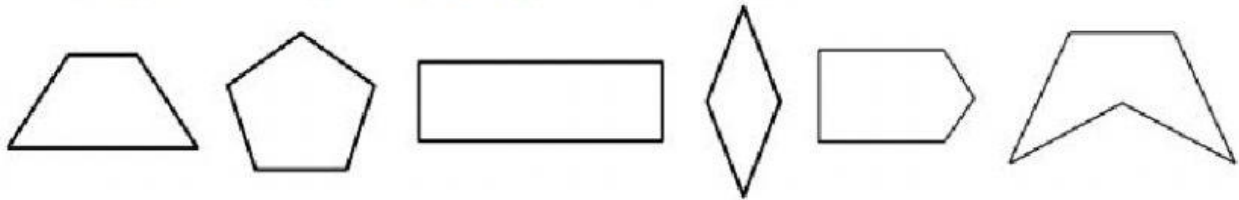
Ms. Markle asked her students to describe the figures shown below.



Which student correctly described the figures?

- A** Emiliano: Two cones, two cylinders, and two prisms
- B** Yui: One sphere, four cylinders, and one cone
- C** Arjun: One sphere, two cylinders, two prisms, and one cone
- D** Ayah: Two spheres, two cylinders, and two prisms

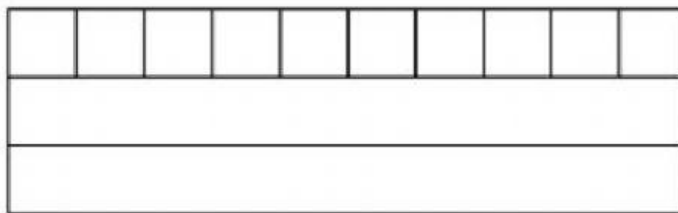
Thomas sorted the figures shown into two groups.



What terms could Thomas use to describe his two groups?

- A** Rectangles and hexagons
- B** Pentagons and hexagons
- C** Quadrilaterals and pentagons
- D** Quadrilaterals and rectangles

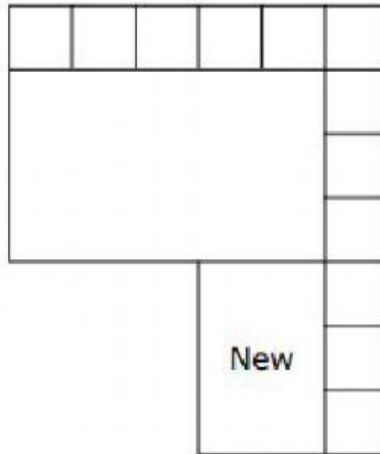
A model of a shed floor is below. The top row has been divided into squares of equal size.



The rest of the model will also be divided into squares of the same size. What is the area in square units represented by this model?

- F** 10
- G** 20
- H** 30
- J** None of the above

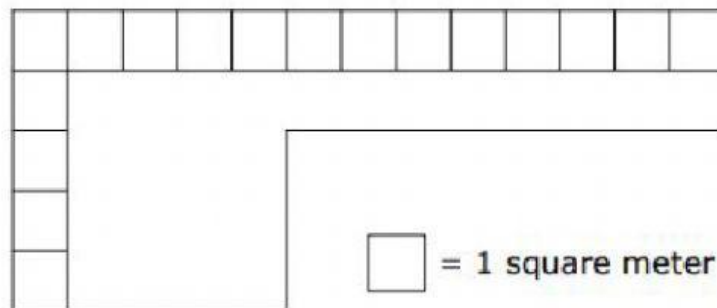
A carpenter is building an addition onto a rectangular house. He is adding a square section to the house, as shown below.



What is the total area of the house in square feet?

- A** 15 square feet
- B** 25 square feet
- C** 29 square feet
- D** 33 square feet

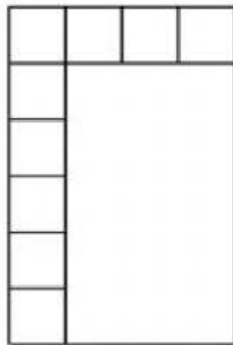
The diagram below represents the office space on one floor of a building. The space is composed of two rectangles.



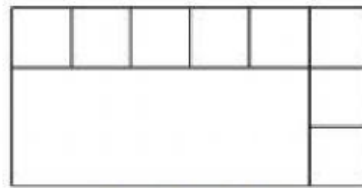
What is the area of the office space in square meters?

- A** 16 square meters
- B** 25 square meters
- C** 31 square meters
- D** 41 square meters

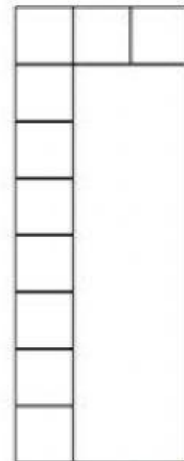
Each of the rectangles below will be covered with 1-inch square pieces. Some of the square-inch pieces have already been placed on the rectangles.



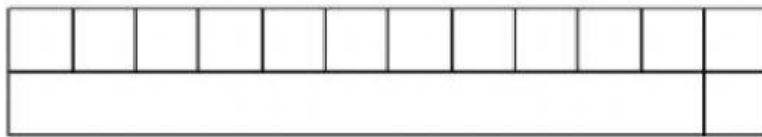
Rectangle S



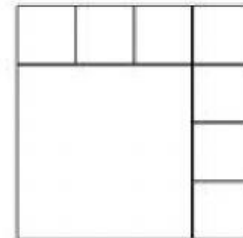
Rectangle T



Rectangle U



Rectangle V



Rectangle W

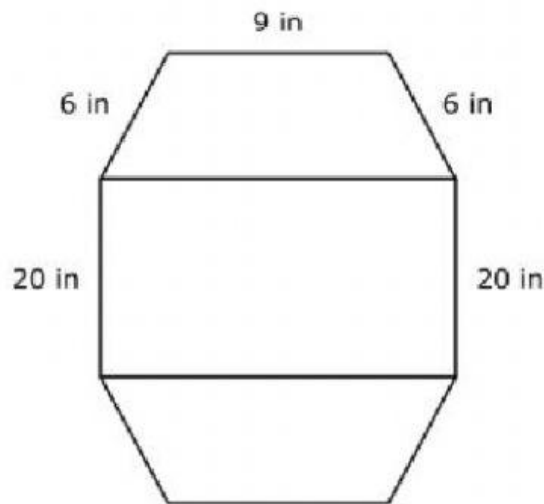
Which of these rectangles have an area of 24 square inches?

- A** Rectangles U and V only
- B** Rectangles S, V, and W only
- C** Rectangles S, U, and V only
- D** Rectangles T, U, and V only

A square has a perimeter of 16 centimeters. What is the length of one side of the square?

- A 64 centimeters
- B 5 centimeters
- C 4 centimeters
- D 20 centimeters

Katy drew a shape using a rectangle and two congruent trapezoids.

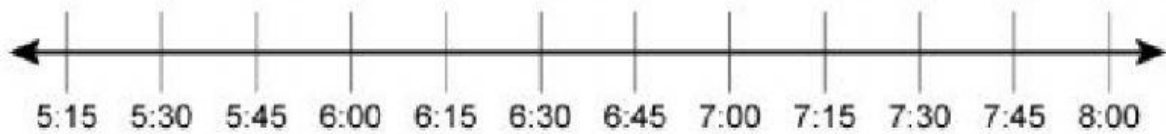


What is the perimeter of the shape in inches?

Record your answer and fill in the bubbles on your answer document. Be sure to use the correct place value.

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

D'Arcy and her two friends went to the movies. The movie ended at 7:30 p.m., and it lasted 1 hour and 45 minutes. At what time did the movie start?



- F** 6:15 p.m.
- G** 6:00 p.m.
- H** 5:45 p.m.
- J** 5:30 p.m.

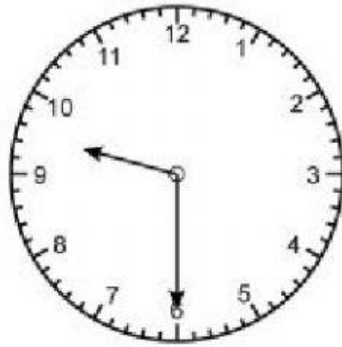
Kabir started playing his video game at 3:45 p.m. His sister joined him 30 minutes later. They played together for 45 minutes and then stopped.



At what time did Kabir stop playing his video game?

- F** 4:30 p.m.
- G** 5:00 p.m.
- H** 5:15 p.m.
- J** 6:00 p.m.

Miyu baked a chocolate upside-down cake. She put the cake in the oven at the time shown on the clock below.



The cake takes 40 minutes to bake. At what time will Miyu take the cake out of the oven?

F



H



G



J



Ajani visited his grandmother's house. He stayed for 2 hours and 15 minutes. The clock below shows what time he left.



At what time did Ajani arrive at his grandmother's house?

- A** 2:15
- B** 2:00
- C** 1:00
- D** 1:30

At Happy Day Care, Charlotte played with clay for 20 minutes, played with blocks for 15 minutes, and played with puzzles for 10 minutes. How long did Charlotte play?

- A** More than an hour but less than an hour and a half
- B** Less than an hour but more than 50 minutes
- C** More than 45 minutes but less than an hour
- D** More than 35 minutes but less than 50 minutes