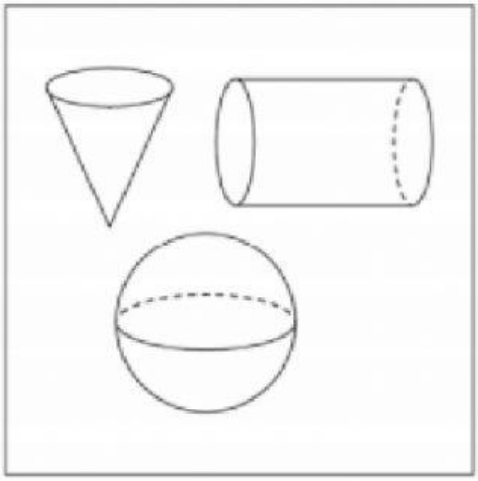
3rd Independent Practice

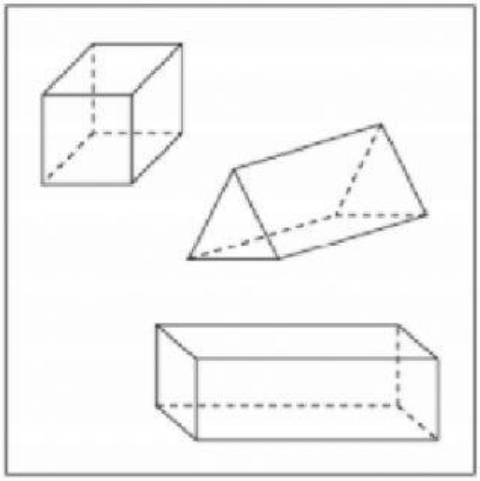
Name: _____

Zayne sorted some figures into two groups.

Group X



Group Y



Which statement about the figures Zayne sorted is true?

F All the figures in Group X are cylinders.

G All the figures in Group X are cones.

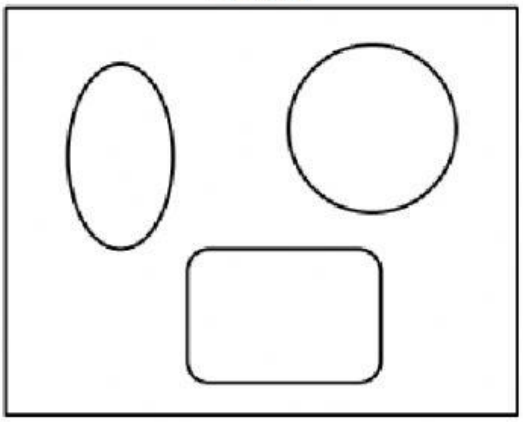
H All the figures in Group Y are prisms.

J All the figures in Group Y are rectangular prisms.

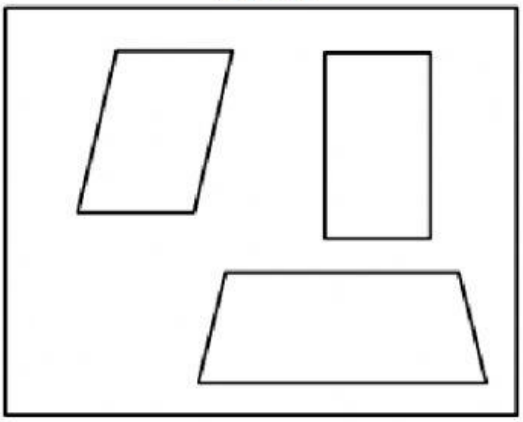
LIVEWORKSHEETS

The figures below are sorted into two groups.

Set A



Set B



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.

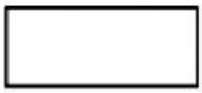
LIVEWORKSHEETS

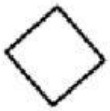
Phoebe made up a riddle about a figure for her friend to solve.

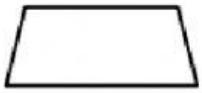
- A shape has two congruent edges.
- The shape has exactly one set of parallel sides.
- The shape is a quadrilateral.

Which could be the shape that Phoebe is describing?

F 

G 

H 

J 

---

4)

A group of figures is shown below.

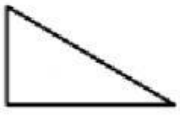


Figure 1

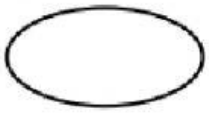


Figure 2

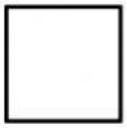


Figure 3



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

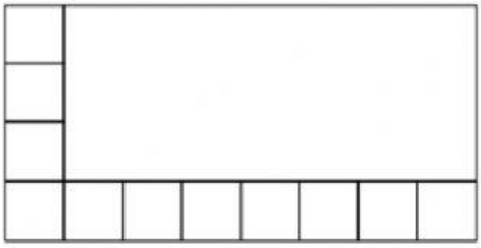
J Figures 1, 2, and 5

LIVEWORKSHEETS

Name: _____

1)

Hilda is putting new carpet inside her living room. The diagram below shows the room.



How many square feet of carpet does Hilda need to buy?

A 32 square feet

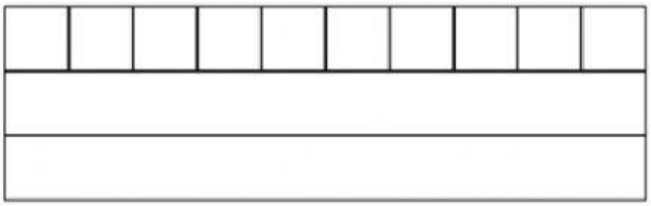
B 28 square feet

C 24 square feet

D 11 square feet

LIVEWORKSHEETS

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

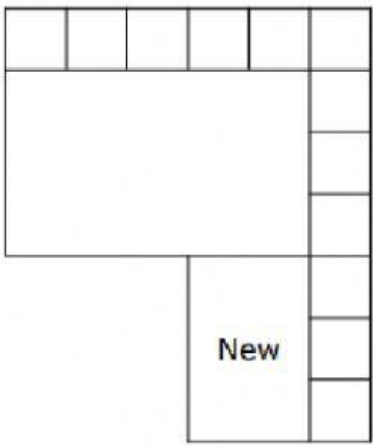
G 20

H 30

J None of the above

LIVEWORKSHEETS

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

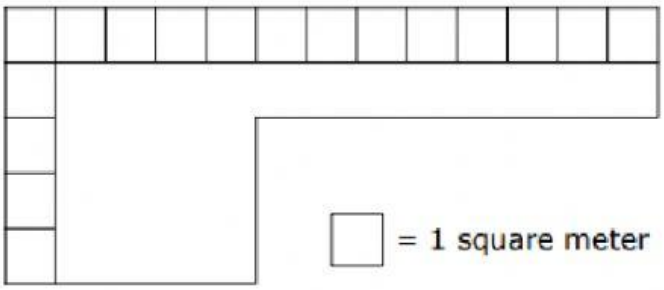
C 29 square feet

D 33 square feet

Jose built a box for his toys. He lined the bottom of the box with square-foot tiles. The area of the bottom of the box has five rows, with three tiles in each row. What is the area of the box in square feet?

LIVEWORKSHEETS

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

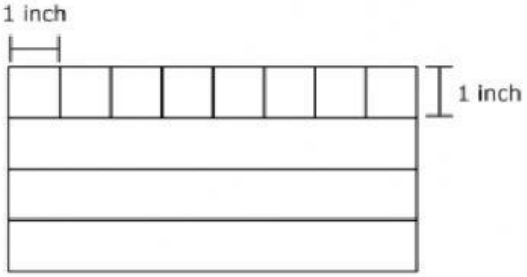
B 25 square meters

C 31 square meters

D 41 square meters

LIVEWORKSHEETS

Saanvi's teacher asked her to measure the top of her pencil box. She drew a model of the pencil box. She divided the top row into square inches.



The rest of the pencil box will be divided into equal-sized squares. What is the area of Saavni's pencil box?

F 32 square inches

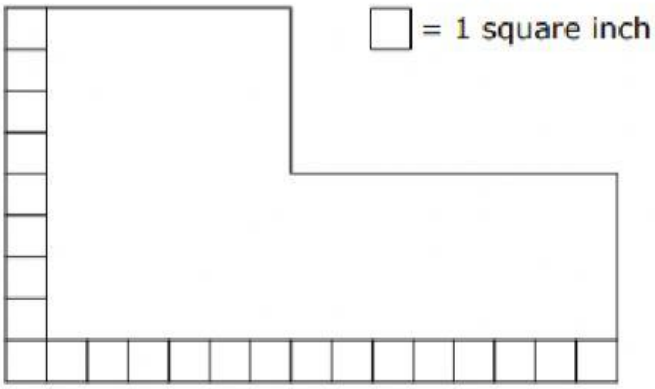
G 40 square inches

H 12 square inches

J None of the above.

LIVEWORKSHEETS

The floor of a dollhouse is shown below. It is composed of two rectangles.



What is the area of the floor of the dollhouse?

F 135 square feet

G 103 square inches

H 24 square feet

J 32 square feet

LIVEWORKSHEETS