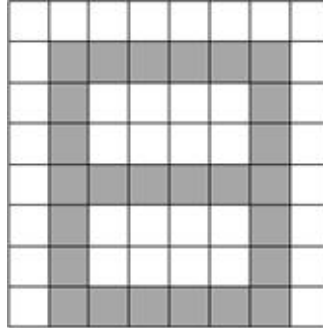


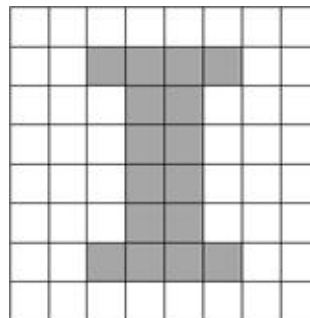
Exam not valid for Paper Pencil Test Sessions

- 1 This shape was created on grid paper.



If ☐ is equal to 1 square unit. What is the area of the shaded shape?

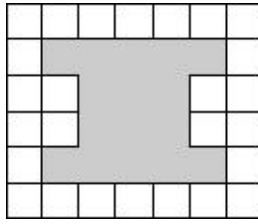
- A 33 square units
 - B 30 square units
 - C 20 square units
 - D 26 square units
- 2 This shape was created on grid paper.



If ☐ is equal to 1 square unit. What is the area of the shaded shape?

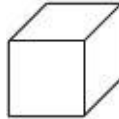
- A 15 square units
- B 18 square units
- C 24 square units
- D 16 square units

- 3 Miguel painted tiles on his floor. Each small square on the grid is 1 square unit.

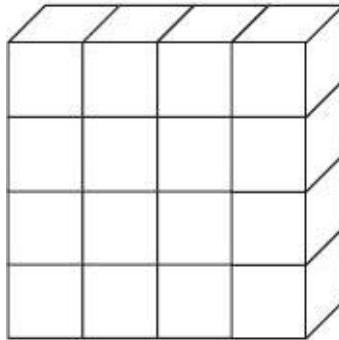


What is the best estimate of the number of square units he painted?

- A 20
 - B 10
 - C 30
 - D 40
- 4 This is 1 block.

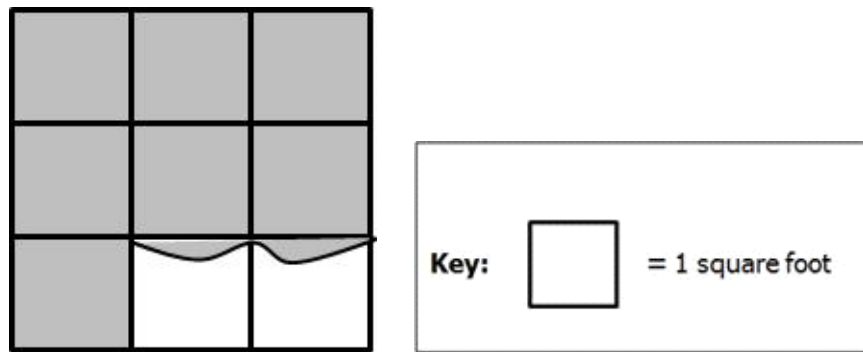


How many of these blocks are needed to make the stack shown here?



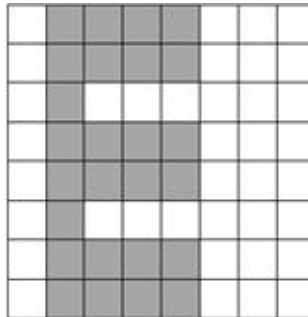
- A 16
- B 24
- C 20
- D 25

- 5 This model shows a square that is 3 feet long and 3 feet wide.



Which is closest to the area of the shaded part of this model?

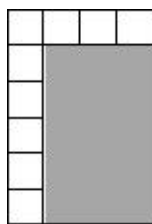
- A 7 square feet
 - B 9 square feet
 - C 5 square feet
 - D 3 square feet
- 6 This shape was created on grid paper.



If  is equal to 1 square unit. What is the area of the shaded shape?

- A 18 square units
- B 22 square units
- C 26 square units
- D 30 square units

- 7 Each small square on the grid is 1 square unit.

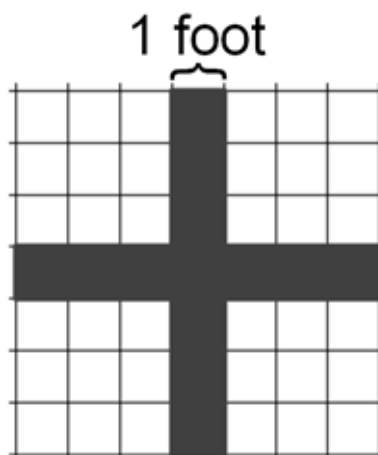


How many square units are covered by the shaded figure?

- A 35
- B 20
- C 30
- D 15

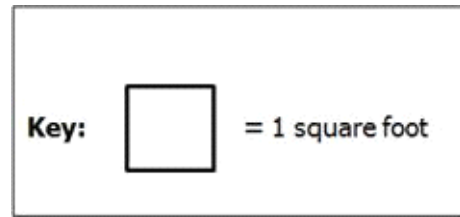
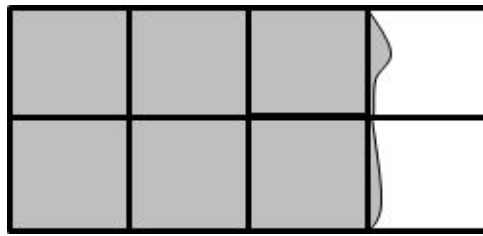
- 8 Directions: Type your answer in the box.

Sam is painting the shaded portion shown on the diagram below.



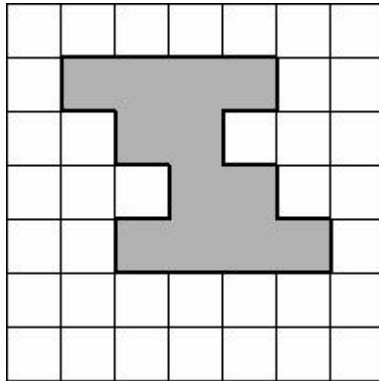
What is the total area of this shaded portion?
square feet

- 9 This model shows a rectangle that is 4 feet long and 2 feet wide.



Which is closest to the area of the shaded part of this model?

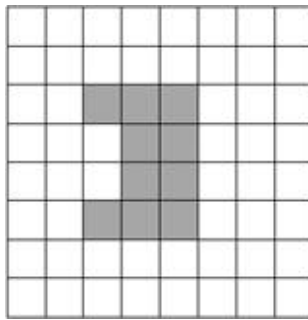
- A 4 square feet
 - B 6 square feet
 - C 2 square feet
 - D 8 square feet
- 10 Each small square on the grid is 1 square unit.



How many square units are needed to make the shaded figure?

- A 20
- B 15
- C 8
- D 12

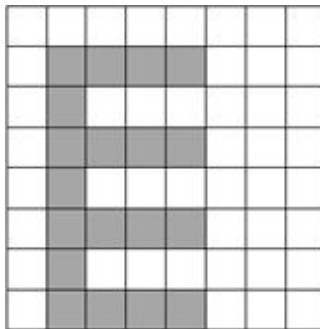
- 11 This shape was created on grid paper.



If ☐ is equal to 1 square unit. What is the area of the shaded shape?

- A 12 square units
- B 11 square units
- C 10 square units
- D 9 square units

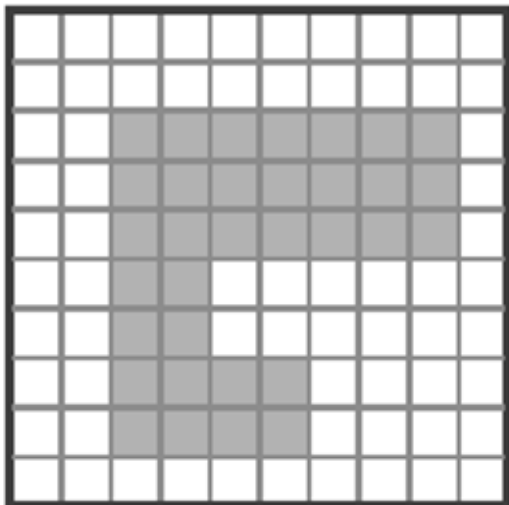
- 12 This shape was created on grid paper.



If ☐ is equal to 1 square unit. What is the area of the shaded shape?

- A 23 square units
- B 19 square units
- C 16 square units
- D 27 square units

13 What is the area of the shaded figure below?

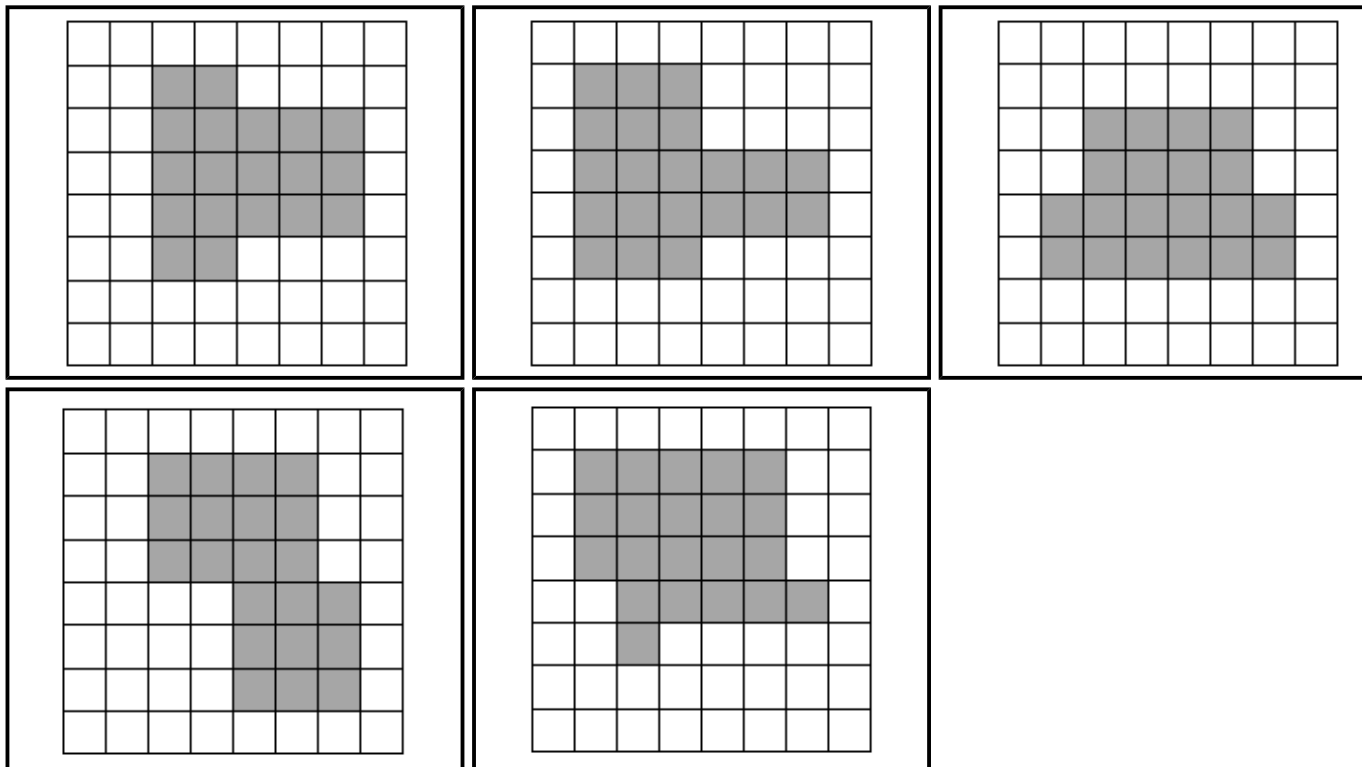


☐ is equal to 1 square unit.

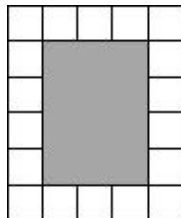
- A 29 square units
- B 30 square units
- C 33 square units
- D 35 square units

- 14 Directions: Choose each picture you want to select. You must choose all correct answers.

Look at the shaded figures. Each shaded square is equal to 1 square unit. Choose the figures that have a perimeter of 22 units.



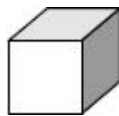
- 15 Each small square on the grid is 1 square unit.



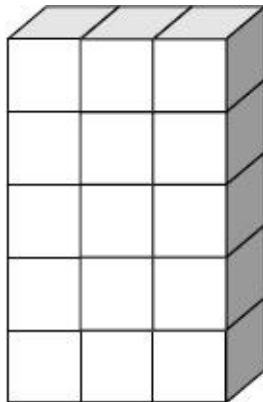
How many square units are needed to make the shaded figure?

- A 14
- B 12
- C 18
- D 16

- 16 This is 1 cube.

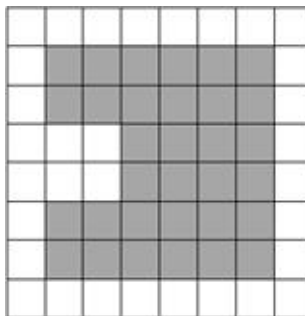


How many of these cubes are needed to make the group shown below?



- A 23
- B 18
- C 21
- D 15

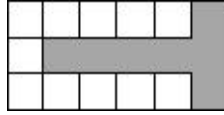
- 17 This shape was created on grid paper.



If  is equal to 1 square unit. What is the area of the shaded shape?

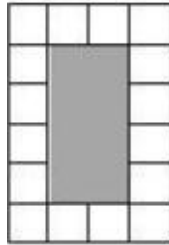
- A 32 square units
- B 38 square units
- C 34 square units
- D 26 square units

- 18 John made a new walkway to his house. The walkway is represented by the shaded area on the grid. Each small square on the grid is 1 square unit.



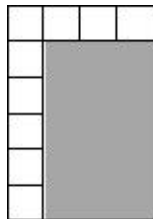
How many square units were needed to make the walkway?

- A 15
 - B 7
 - C 5
 - D 20
- 19 Each small square on the grid is 1 square unit.



How many square units are needed to make the shaded figure?

- A 8
 - B 4
 - C 10
 - D 6
- 20 Janet bought a rug for her bedroom. Each small square on the grid is 1 square unit.



How many square units are needed to make the rug?

- A 12
- B 13
- C 14
- D 15