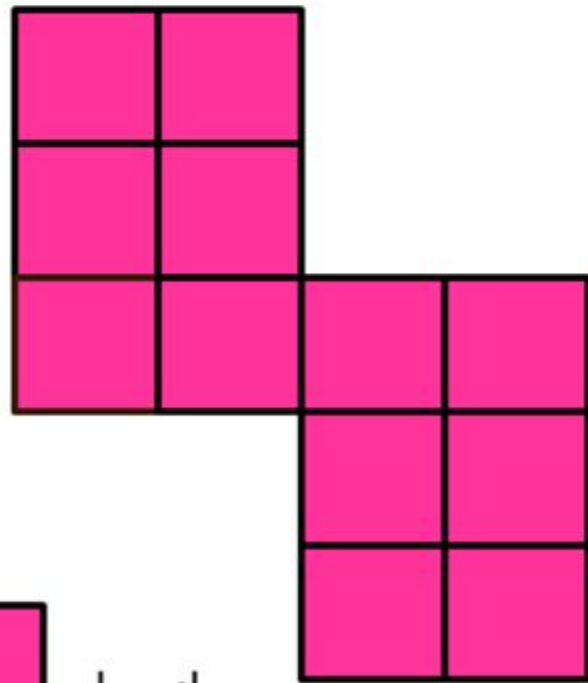




AREA & PERIMETER

Read and answer each question carefully. Make sure to explain your answer when asked.

AREA & PERIMETER



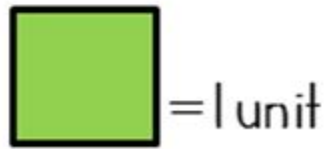
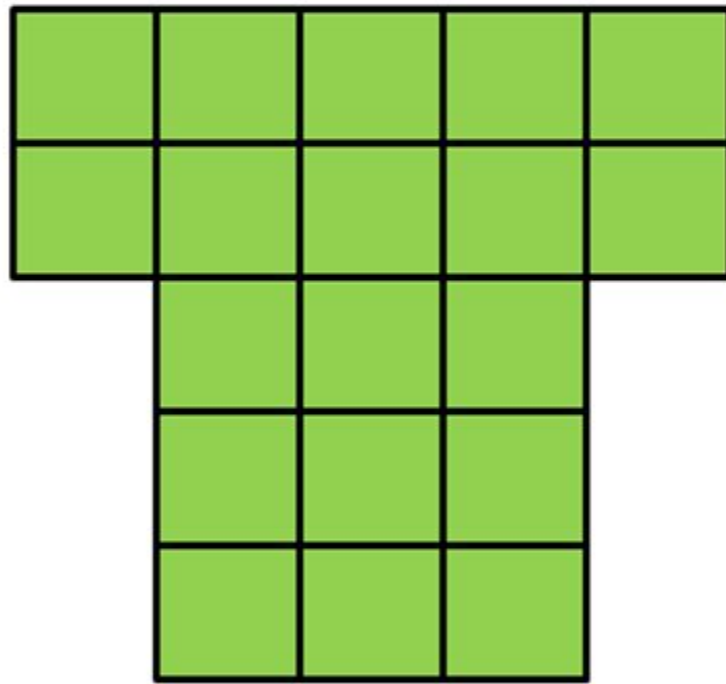
Jason drew this figure.
What is the perimeter of the
figure in units?

_____ units

What is the area
of the figure in sq. units?

_____ sq. units

AREA & PERIMETER



2

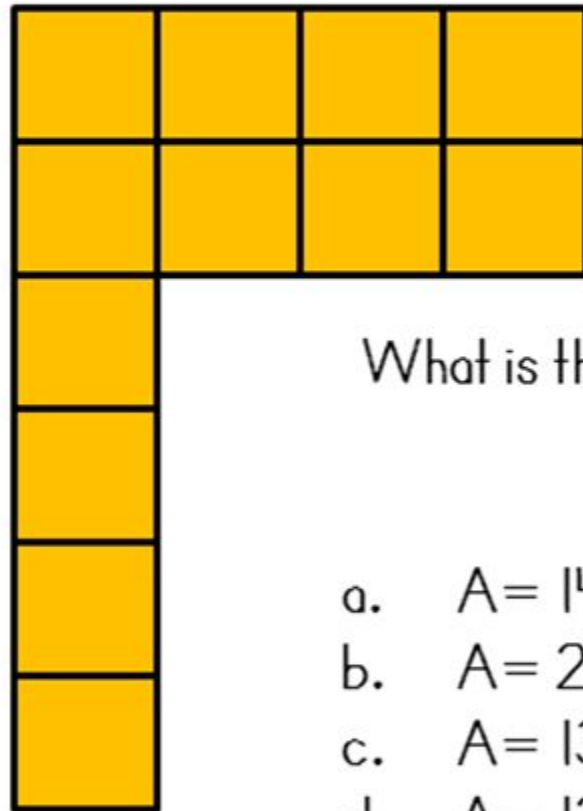
Leilani drew this figure.
What is the perimeter of the
figure in units?

_____ units

What is the area of the
figure
in sq. units?

_____ sq. units

AREA & PERIMETER



Drag and place the
circle on the
correct answer.

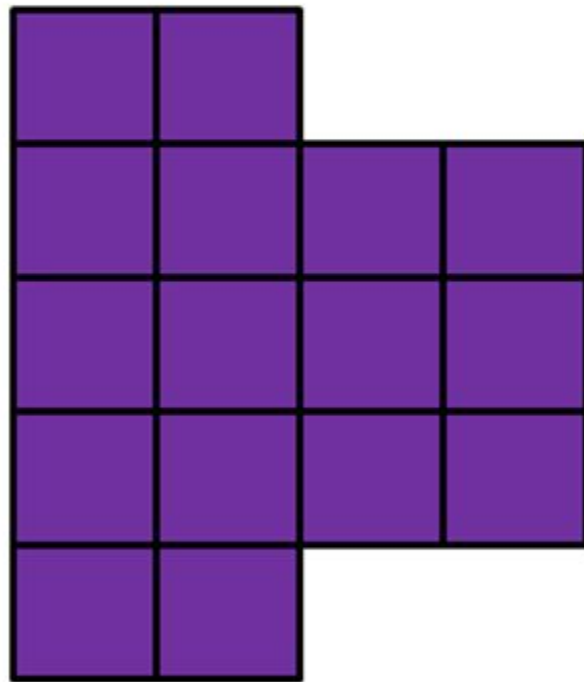
3



What is the area & perimeter of the
figure?

- a. $A = 14$ sq. units, $P = 20$ units
- b. $A = 20$ sq. units, $P = 12$ units
- c. $A = 13$ sq. units, $P = 21$ units
- d. $A = 12$ sq. units, $P = 20$ units

AREA & PERIMETER



Drag and place the
circle on the
correct answer.

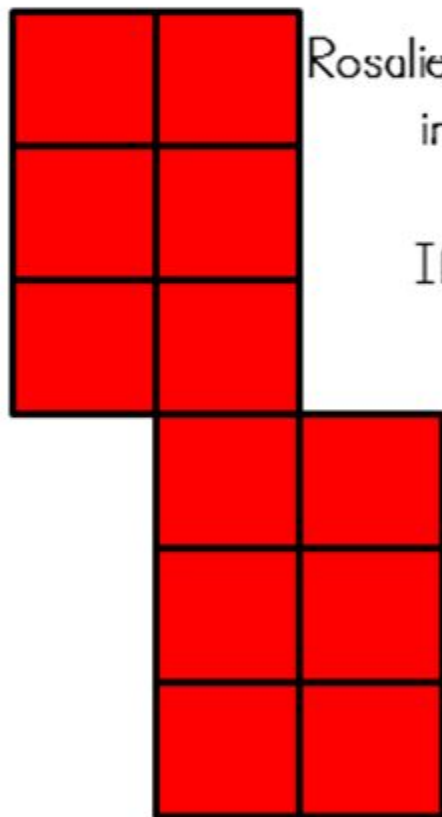


4

What is the
area & perimeter of the figure?

- a. $A = 14$ sq. units, $P = 18$ units
- b. $A = 20$ sq. units, $P = 16$ units
- c. $A = 18$ sq. units, $P = 16$ units
- d. $A = 16$ sq. units, $P = 18$ units

AREA & PERIMETER



Rosalie said that the combined area for the irregular shape was 18 sq. units.

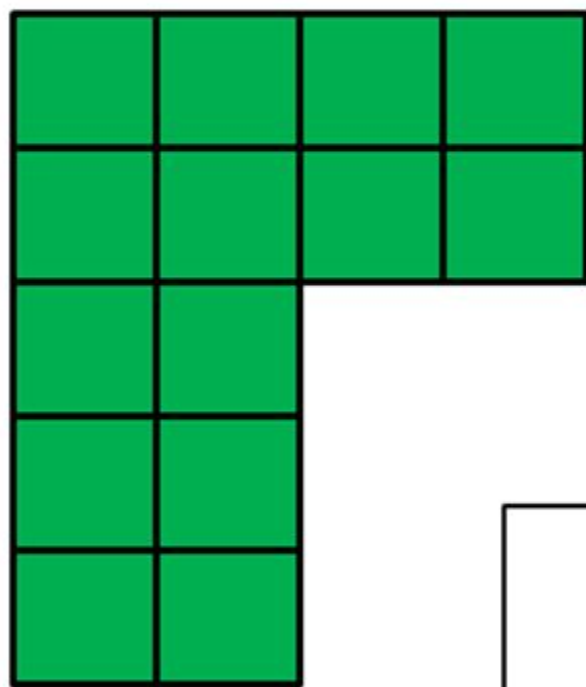
Is Rosalie correct?

If not what is the correct area?

Explain your thinking.

5

AREA & PERIMETER



Oops, Jack said that the combined perimeter for the irregular shape was 14 units.

What did Jack do wrong?
What should he have done?

6

AREA & PERIMETER



7

Oops, Alex said that the area for the rectangle was 12 sq. inches.

What did he do wrong?
What should he have done?
What is the area of the rectangle?

4 in.

8 in.

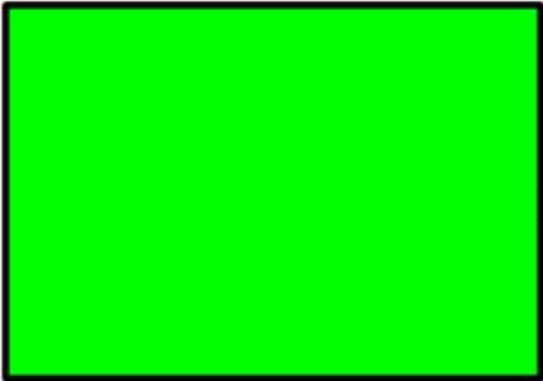
A diagram of a cyan rectangle with a height of 8 in. and a width of 4 in. The rectangle is positioned on the left side of the page, with the text '4 in.' above it and '8 in.' to its left.

AREA & PERIMETER



8


8 ft.



5 ft.

Uh oh, Rebecca said that the perimeter of the rectangle was 13 feet.

What did Rebecca do wrong?
What should she have done?
What is the perimeter of the rectangle



AREA & PERIMETER



9

3 in.

7 in.

7 in.

3 in.

Find the area of the rectangle.

_____ in.

Find the perimeter of the rectangle.

_____ sq. in.

A worksheet with a decorative scalloped border. Inside, a red rectangle is shown with its dimensions labeled: 3 in. for the top and bottom sides, and 7 in. for the left and right sides. To the right of the rectangle, there are two math problems. The first asks for the area of the rectangle, followed by a blank line and the unit "in.". The second asks for the perimeter of the rectangle, followed by a blank line and the unit "sq. in.". The number "9" is written in the top right corner of the worksheet.

AREA & PERIMETER



5 ft.

8 ft.

10

Find the area of the rectangle.

_____ ft.

Find the perimeter of the rectangle.

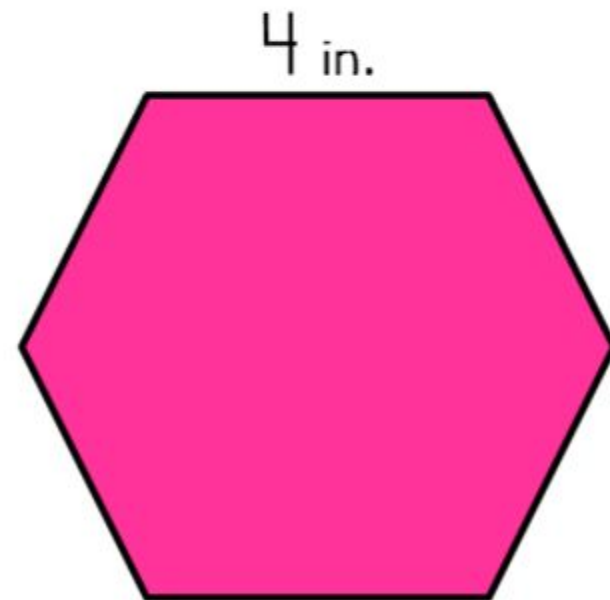
_____ sq. ft.

AREA & PERIMETER



Find the
perimeter of
the hexagon.

_____ in



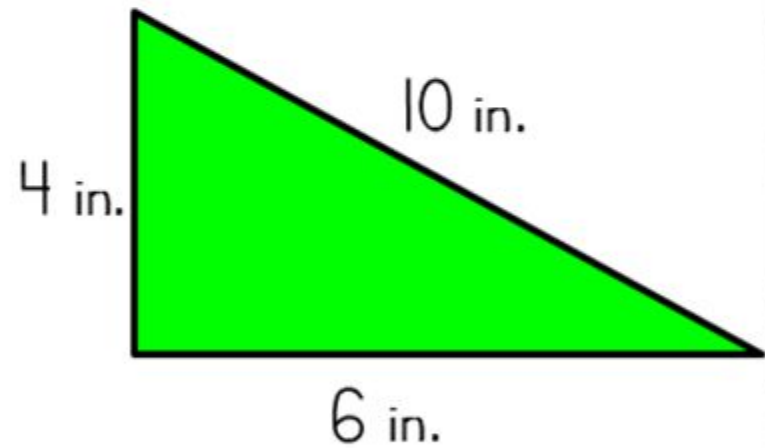
||

AREA & PERIMETER



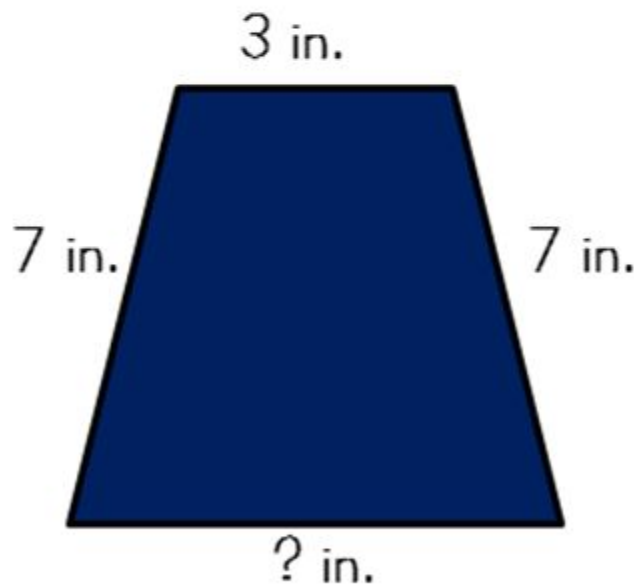
Find the
perimeter of
the triangle.

_____ in



12

AREA & PERIMETER



The perimeter of the trapezoid is 22 in.

What is the length of the missing side?

_____ in

13

AREA & PERIMETER



14

The perimeter of the trapezoid is 23 in.

What is the length of the missing side?

_____ in

6 in.

4 in.

6 in.

? in.

AREA & PERIMETER



15

The perimeter of the rectangle is 20 in.

What is the length of the missing side?

_____ in

A diagram of a red rectangle. The left vertical side is labeled "7 in.". The bottom horizontal side is labeled "? in.". The rectangle is centered within a larger rectangular frame that has a decorative, wavy border.

AREA & PERIMETER



16

The perimeter of the rectangle is 30 in.

What is the length of the missing side?

_____ in

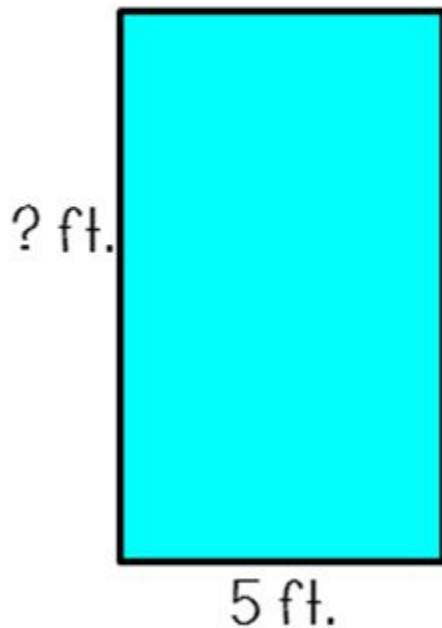
8 in.

? in.

AREA & PERIMETER



17

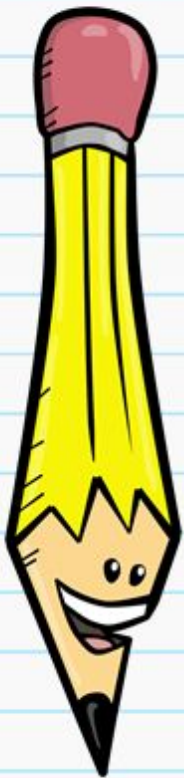


The area for this rectangle
is 45 sq. ft.

What is the length of the
missing side?

_____ ft.

AREA & PERIMETER



18

8 ft.

9 ft.

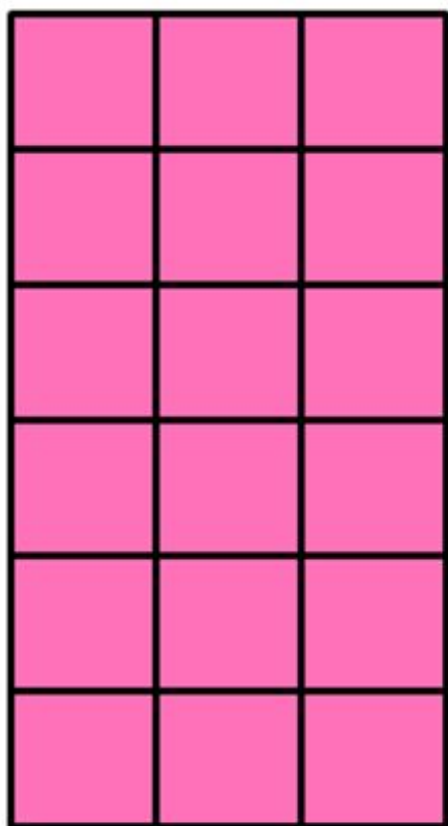
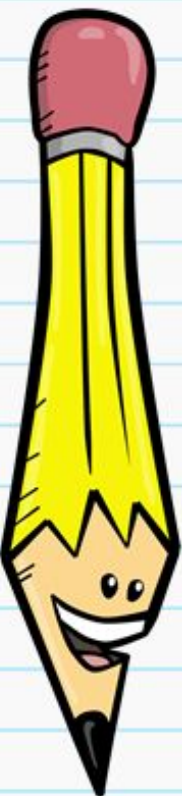
15 ft.

? ft.

Jennifer was helping build a fence around her backyard. She needs 42 feet of fencing. What is the length of the unknown side?

_____ in

AREA & PERIMETER



I leather draws a sketch of the floor of her playhouse.

19

Each unit is 1 sq. ft.

Write and solve a multiplication equation that can be used to find the areas of the floor in square feet.

AREA & PERIMETER



6 ft.

7 ft.

20

Mrs. Ortiz puts down new tile on the floor of her kitchen.

Write and solve a multiplication equation that can be used to find the areas of the floor in square feet.

AREA & PERIMETER



21

What is the area of the shape?
Show your work.

6 cm.

10 cm.

2 cm.

4 cm.

5 cm.

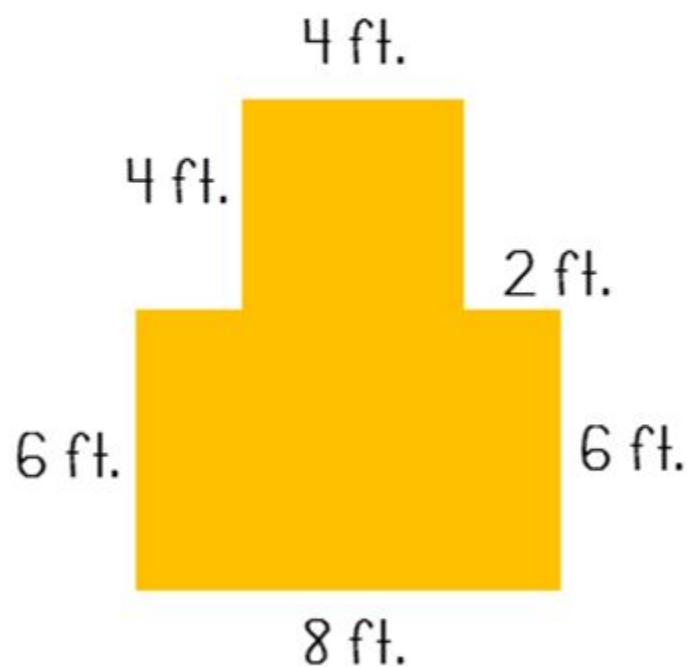
5 cm.

A diagram of a blue L-shaped polygon. The top horizontal side is labeled 6 cm. The left vertical side is labeled 10 cm. The bottom-left vertical side is labeled 2 cm. The bottom-right horizontal side is labeled 4 cm. The right vertical side is labeled 5 cm. To the right of the shape, there is a vertical dimension line labeled 5 cm, which spans the height of the right side of the shape.

AREA & PERIMETER



22



Mr. Smith wants to paint a mural on a wall at his school.

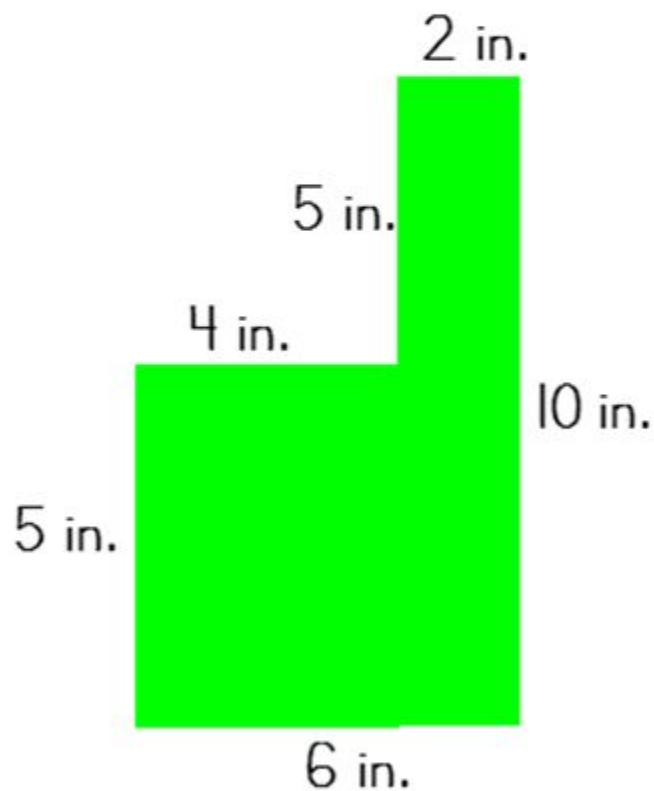
What is the area of the section he wants to paint?

_____ ft.

AREA & PERIMETER



23



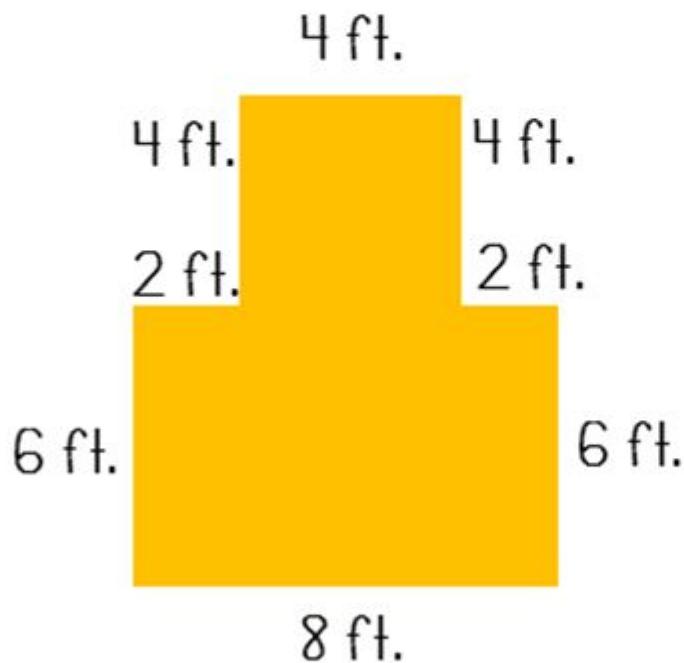
Find the perimeter
of the irregular
shape.

_____ in.

AREA & PERIMETER



24



Jasmine is helping her father put a fence around her garden. What is the total number of fencing Jasmine and her father need?

_____ ft.

AREA & PERIMETER

Answer Key



1. P 18 units, A 12 sq. units
2. P 20 units, A 19 sq. units
3. D
4. D
5. No, Rosalie is not correct. The correct area is 12 sq. units. I counted the squares to find my total. Rosalie found the perimeter instead.
6. Jack found the area, not the perimeter. He should have counted all the sides.
7. Alex added the length and width. He should have multiplied the length by the width to find the area. The area is 32 sq. ins.
8. Rebecca only added 2 sides, $8+3$, instead of all 4 sides. She should have added all sides. P $8+3+8+3$ 22 ft.
9. A 21 sq. ins.
10. 40 sq. ft.
11. 24 in.
12. 20 in.
13. 5 in.
14. 7 in.
15. 3 in.
16. 7 in.
17. 9 ft.
18. 10 ft.
19. 6×3 18 sq. ft.
20. 6×7 42 sq. ft.
21. 40 sq. ft.
22. 58 sq. ft.
23. 32 ft.
24. 36 ft.