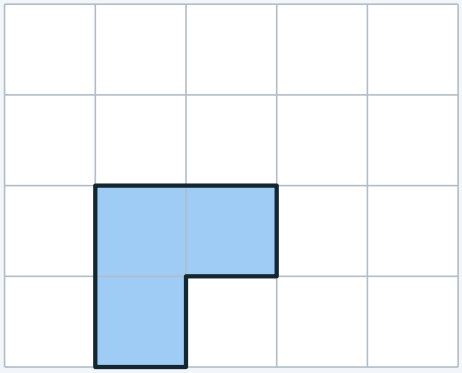
Area and Perimeter

Kindergarten | 2026-11-16 | Worksheet

An adult can read this aloud. Count the shaded squares in each picture. Circle the letter of the right number.

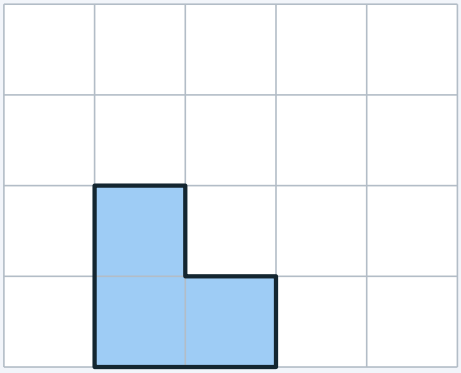
Point to each shaded square and count it only once.

1 How many squares are shaded?



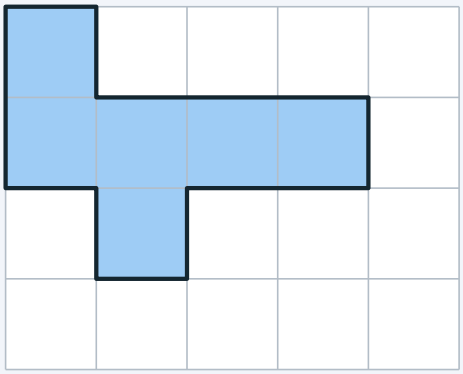
A 2 B 5 C 3

2 How many squares are shaded?



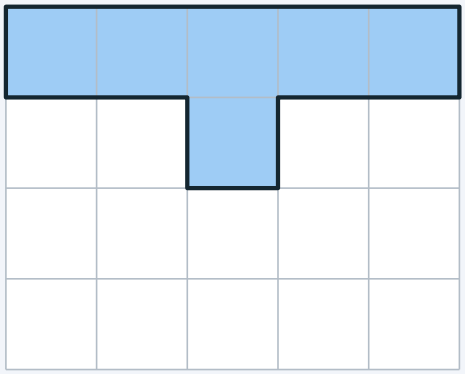
A 3 B 2 C 4

3 How many squares are shaded?



A 6 B 8 C 5

4 How many squares are shaded?



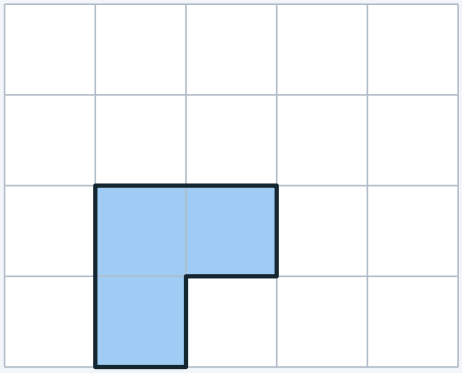
A 4 B 8 C 6

Area and Perimeter

Kindergarten | 2026-11-16 | Answer key

The ring marks the answer. The orange line under each figure shows one way to work it out. Check it together.

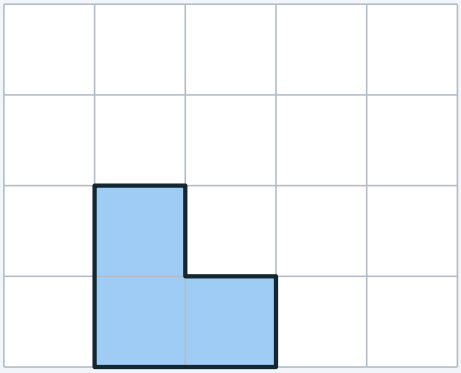
1 How many squares are shaded?



3

A 2 B 5 **C 3**

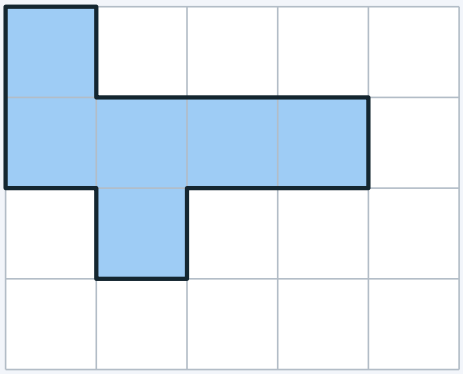
2 How many squares are shaded?



3

A 3 B 2 C 4

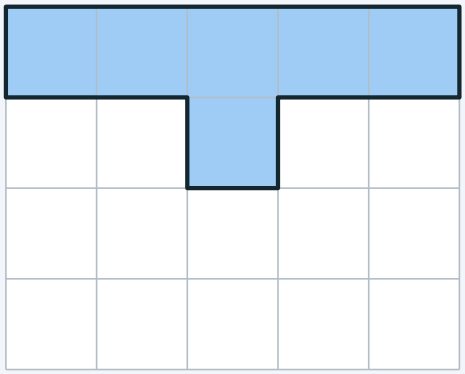
3 How many squares are shaded?



6

A 6 B 8 C 5

4 How many squares are shaded?



6

A 4 B 8 **C 6**

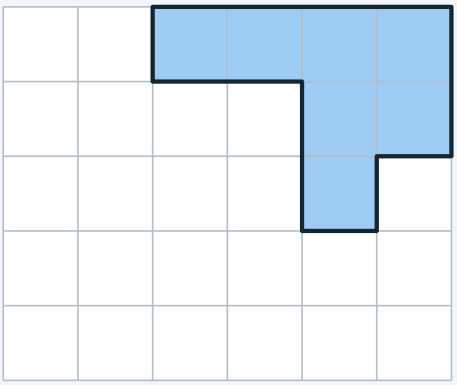
Area and Perimeter

Grade 1 | 2026-11-16 | Worksheet

Count the shaded squares in each figure carefully, row by row. Then circle the letter of the right number.

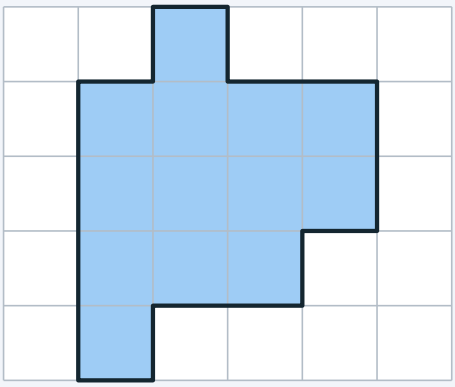
Count row by row. Put a small dot in each square as you count it.

1 How many squares are shaded?



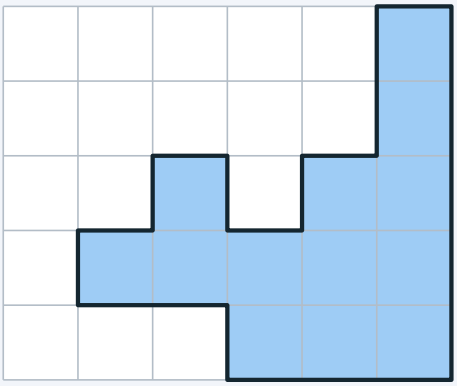
A 7 B 6 C 8

2 How many squares are shaded?



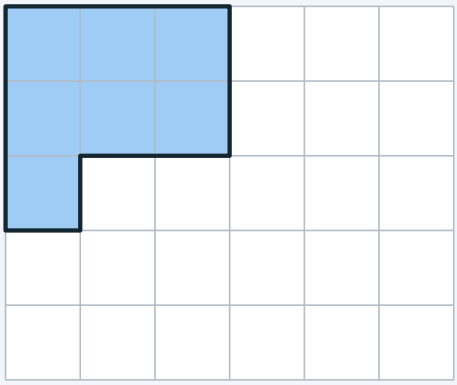
A 15 B 11 C 13

3 How many squares are shaded?



A 13 B 11 C 14

4 How many squares are shaded?



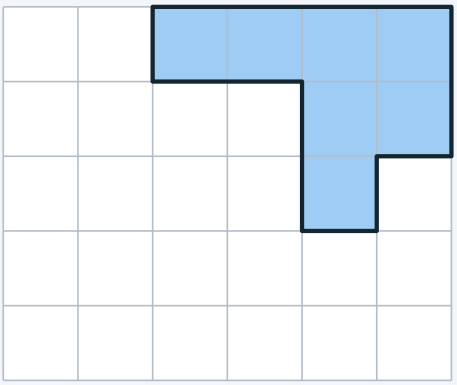
A 9 B 7 C 5

Area and Perimeter

Grade 1 | 2026-11-16 | Answer key

The ring marks the answer. The orange line under each figure shows one way to work it out. Check it together.

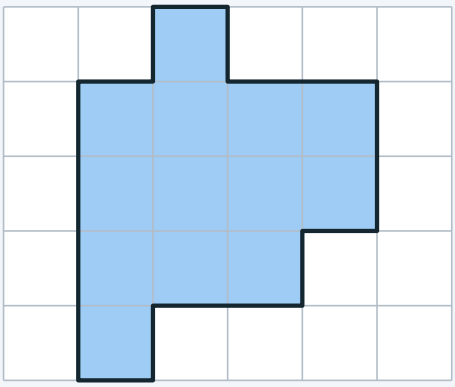
1 How many squares are shaded?



7

A 7 B 6 C 8

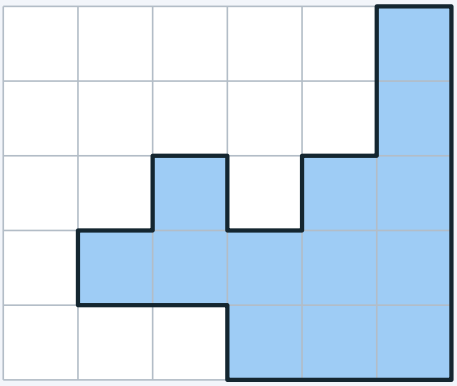
2 How many squares are shaded?



13

A 15 B 11 C 13

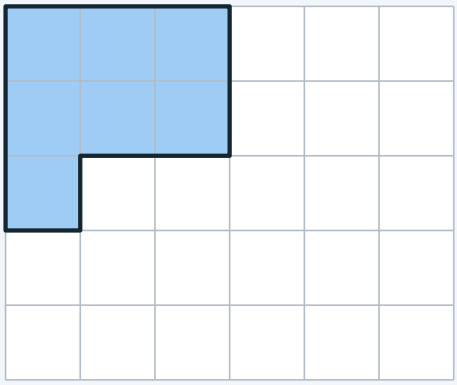
3 How many squares are shaded?



13

A 13 B 11 C 14

4 How many squares are shaded?



7

A 9 B 7 C 5

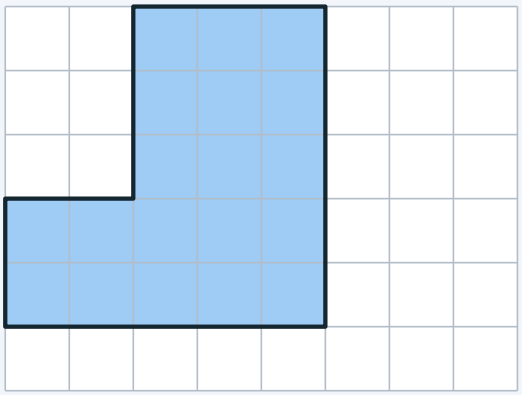
Area and Perimeter

Grade 2 | 2026-11-16 | Worksheet

Count the shaded squares in each figure carefully, row by row. Then circle the letter of the right number.

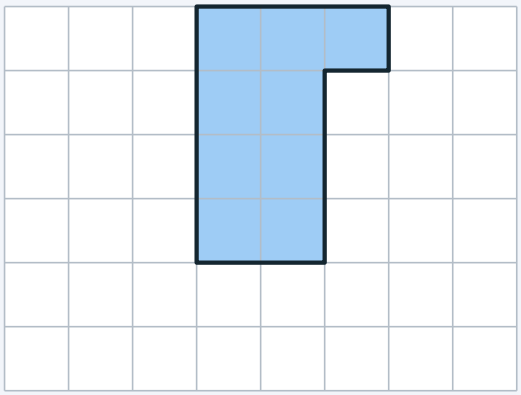
Count the squares in one row, then add a row at a time. For an L-shape, count each part.

1 How many squares are shaded?



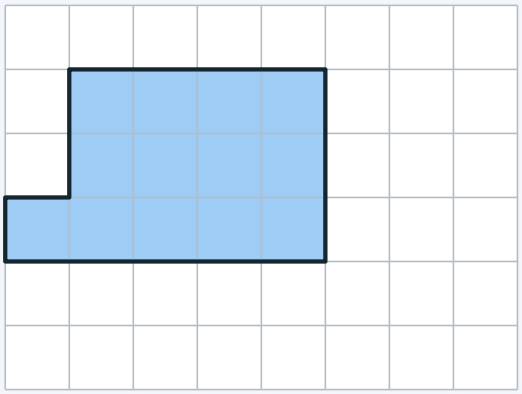
A 21 B 19 C 18 D 25

2 How many squares are shaded?



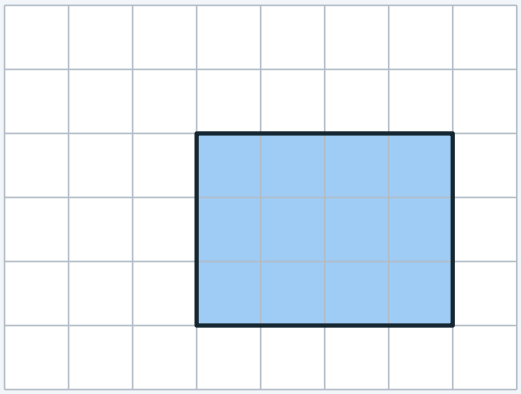
A 14 B 9 C 10 D 8

3 How many squares are shaded?



A 13 B 15 C 11 D 12

4 How many squares are shaded?



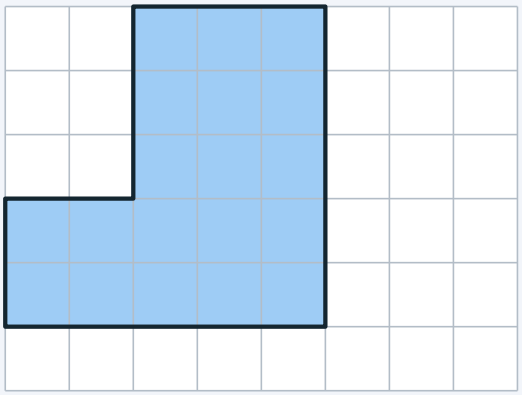
A 13 B 11 C 12 D 14

Area and Perimeter

Grade 2 | 2026-11-16 | Answer key

The ring marks the answer. The orange line under each figure shows one way to work it out. Check it together.

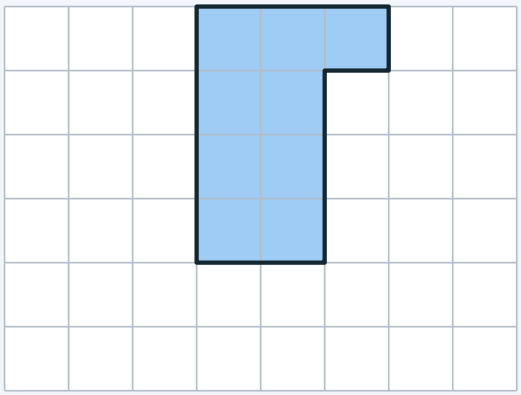
1 How many squares are shaded?



19

A 21 **B 19** C 18 D 25

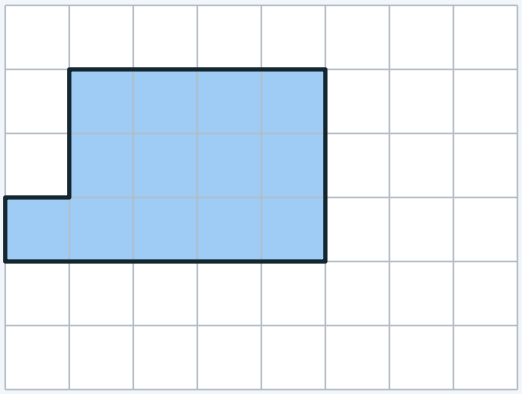
2 How many squares are shaded?



9

A 14 **B 9** C 10 D 8

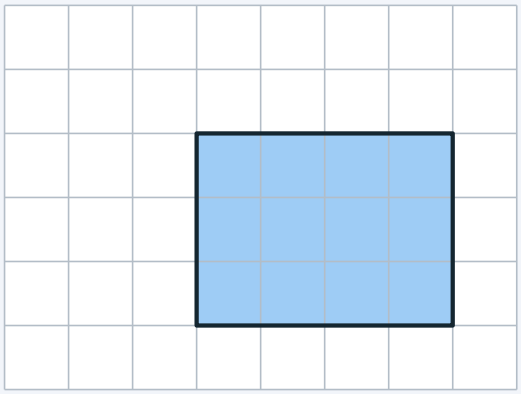
3 How many squares are shaded?



13

A 13 B 15 C 11 D 12

4 How many squares are shaded?



12

A 13 B 11 **C 12** D 14

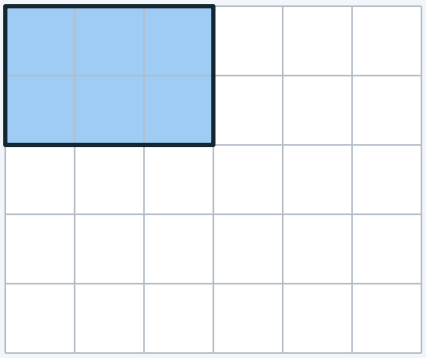
Area and Perimeter

Grade 3 | 2026-11-16 | Worksheet

Each small square of the grid is 1 square unit and each side of it is 1 unit long. Area is the number of squares inside a figure; perimeter is the length all the way around it. Circle the letter of your answer.

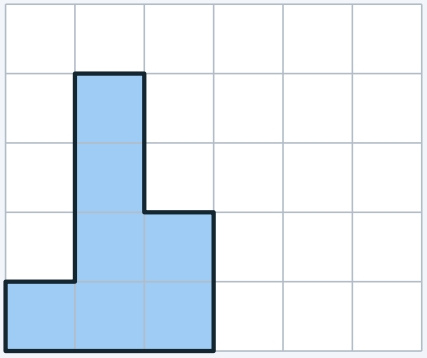
Area: count the squares inside. Perimeter: count the unit sides all the way around the outline.

1 What is the area in square units?



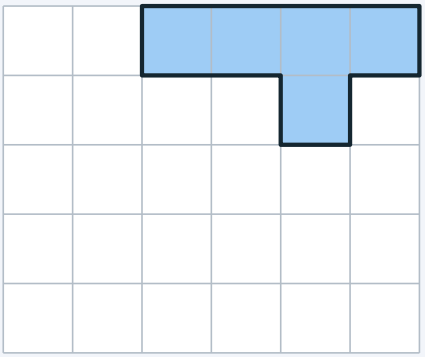
A 6 B 10 C 4 D 8

2 What is the perimeter in units?



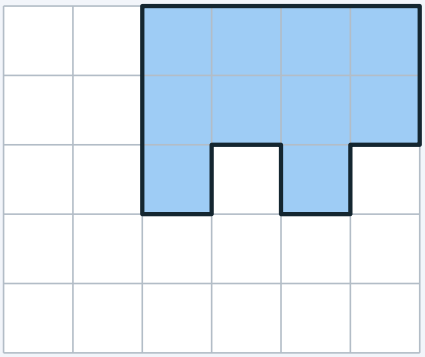
A 14 B 16 C 7 D 8

3 What is the area in square units?



A 5 B 4 C 8 D 7

4 What is the perimeter in units?



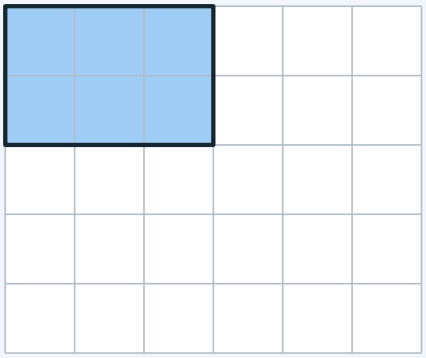
A 20 B 15 C 16 D 18

Area and Perimeter

Grade 3 | 2026-11-16 | Answer key

The ring marks the answer. The orange line under each figure shows one way to work it out. Check it together.

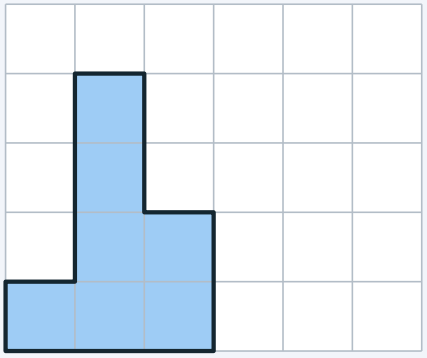
1 What is the area in square units?



6

A 6 B 10 C 4 D 8

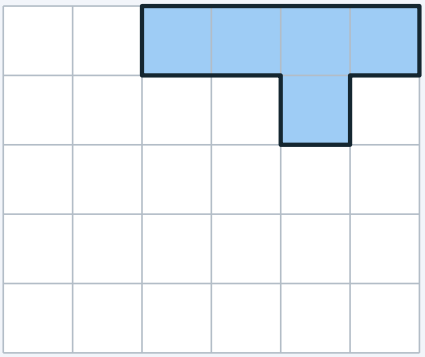
2 What is the perimeter in units?



14

A 14 B 16 C 7 D 8

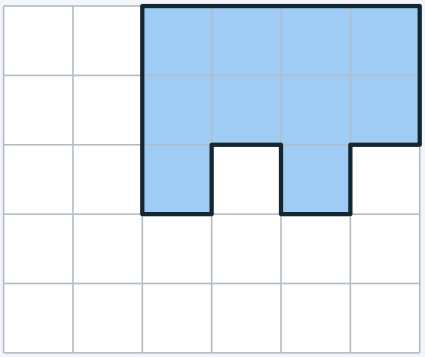
3 What is the area in square units?



5

A 5 B 4 C 8 D 7

4 What is the perimeter in units?



16

A 20 B 15 C 16 D 18

Area and Perimeter

Grade 4 | 2026-11-16 | Worksheet

Side lengths are given in units. Area is the number of unit squares that cover a figure; perimeter is the length all the way around it. Circle the letter of your answer.

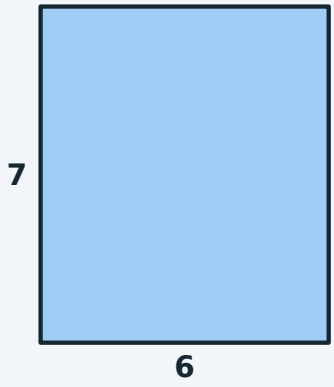
Rectangle: area = length × width. Perimeter = length + width + length + width.

1 **What is the area in square units?**



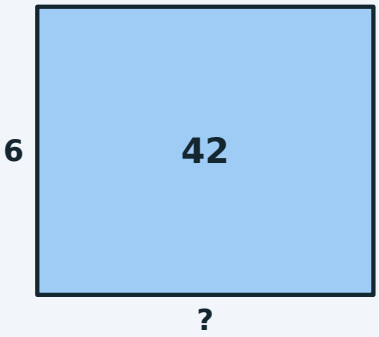
A 18 B 20 C 16 D 10

2 **What is the perimeter in units?**



A 42 B 13 C 26 D 19

3 **The number inside is the area. How long is the side with the question mark?**



A 8 B 7 C 6 D 9

4 **The number inside is the perimeter. How long is the side with the question mark?**



A 4 B 1 C 2 D 14

Area and Perimeter

Grade 4 | 2026-11-16 | Answer key

The ring marks the answer. The orange line under each figure shows one way to work it out. Check it together.

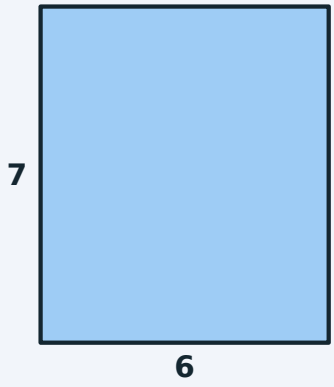
1 **What is the area in square units?**



8 × 2 = 16

A 18 B 20 C 16 D 10

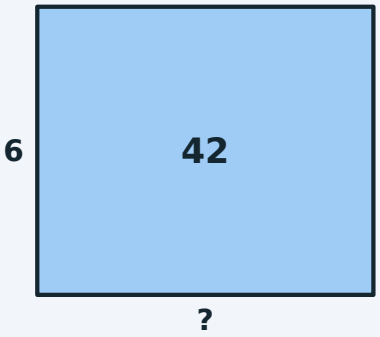
2 **What is the perimeter in units?**



6 + 7 + 6 + 7 = 26

A 42 B 13 C 26 D 19

3 **The number inside is the area. How long is the side with the question mark?**



42 ÷ 6 = 7

A 8 B 7 C 6 D 9

4 **The number inside is the perimeter. How long is the side with the question mark?**



24 ÷ 2 − 10 = 2

A 4 B 1 C 2 D 14

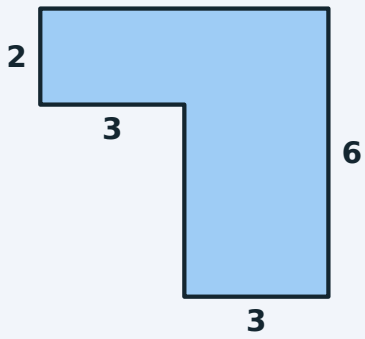
Area and Perimeter

Grade 5 | 2026-11-16 | Worksheet

Side lengths are given in units. Area is the number of unit squares that cover a figure; perimeter is the length all the way around it. Circle the letter of your answer.

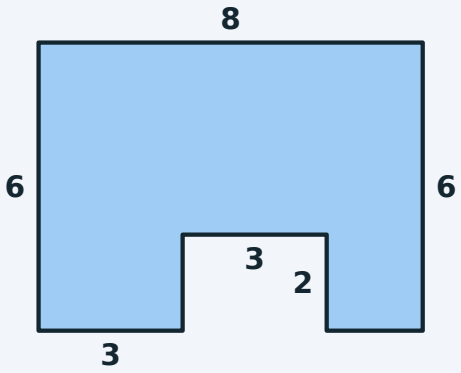
Split the figure into rectangles. Work out each unlabelled side from the sides you know.

1 What is the area in square units?



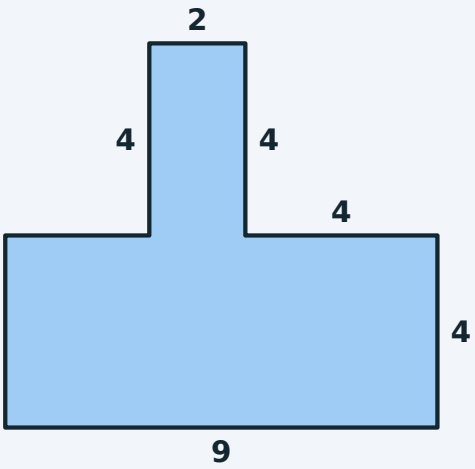
A 12 B 22 C 26 D 24

2 What is the perimeter in units?



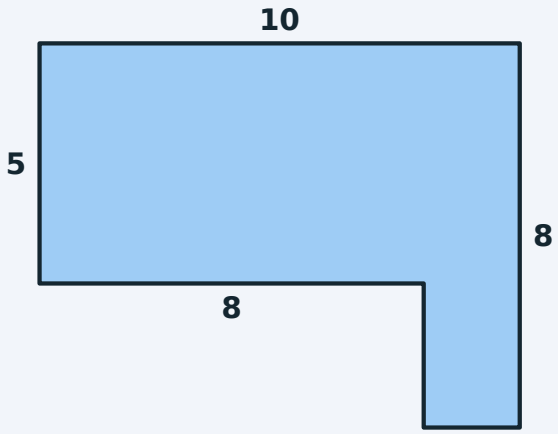
A 32 B 34 C 30 D 42

3 What is the area in square units?



A 44 B 34 C 16 D 72

4 What is the perimeter in units?



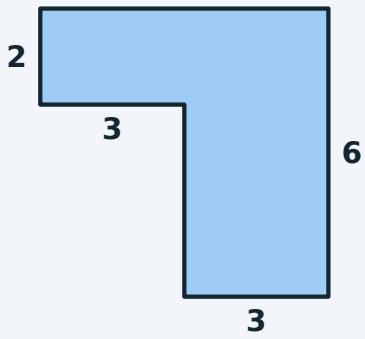
A 36 B 56 C 31 D 34

Area and Perimeter

Grade 5 | 2026-11-16 | Answer key

The ring marks the answer. The orange line under each figure shows one way to work it out. Check it together.

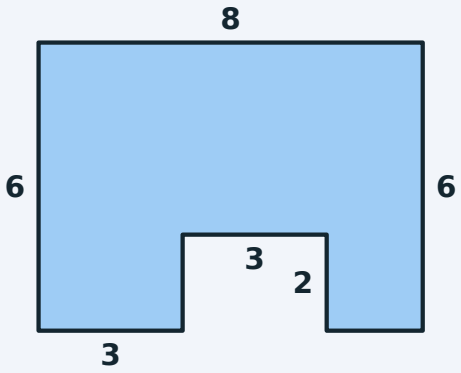
1 What is the area in square units?



6 × 6 − 12 = 24

A 12 B 22 C 26 **D 24**

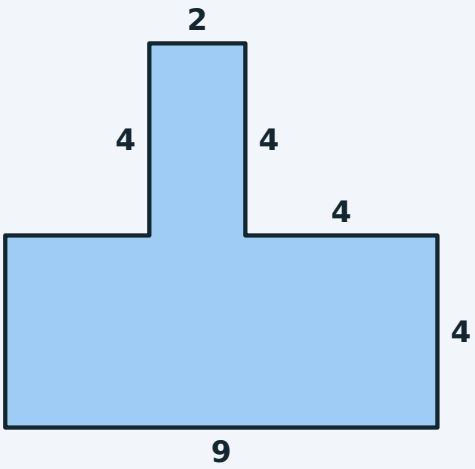
2 What is the perimeter in units?



3 + 2 + 3 + 2 + 2 + 6 + 8 + 6 = 32

A 32 B 34 C 30 D 42

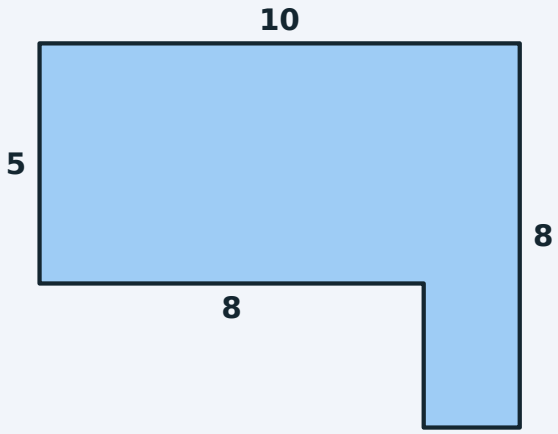
3 What is the area in square units?



9 × 8 − 28 = 44

A 44 B 34 C 16 D 72

4 What is the perimeter in units?



8 + 3 + 2 + 8 + 10 + 5 = 36

A 36 B 56 C 31 D 34

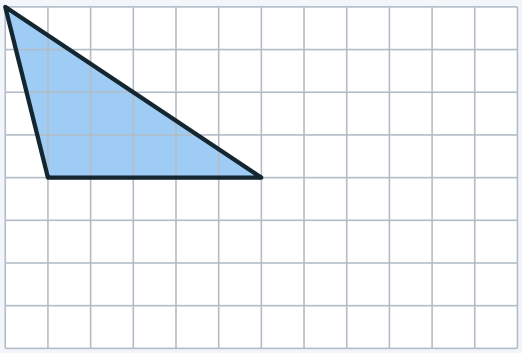
Area and Perimeter

Grade 6 | 2026-11-16 | Worksheet

Each small square of the grid is 1 square unit and each side of it is 1 unit long. Area is the number of squares inside a figure; perimeter is the length all the way around it. Circle the letter of your answer.

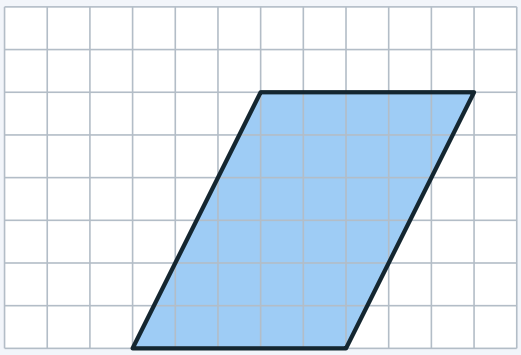
Triangle: base × height ÷ 2. Parallelogram: base × height. Trapezoid: sum of the parallel sides × height ÷ 2.

1 What is the area in square units?



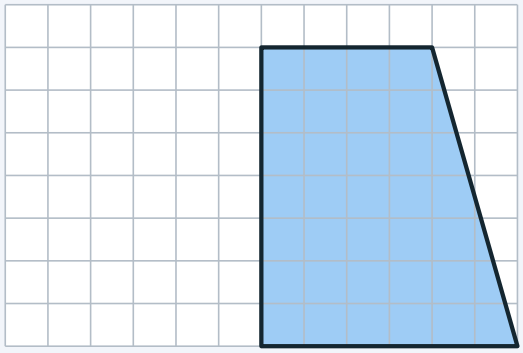
A 10 B 6 C 15 D 12

2 What is the area in square units?



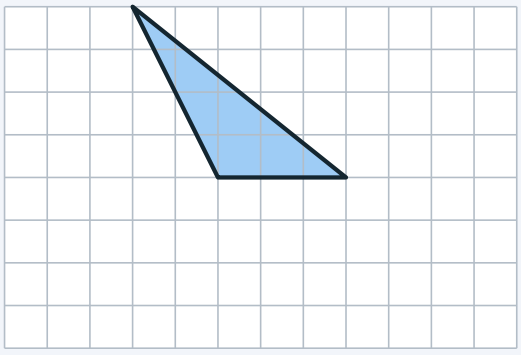
A 30 B 24 C 15 D 22

3 What is the area in square units?



A 35 B 70 C 28 D 42

4 What is the area in square units?



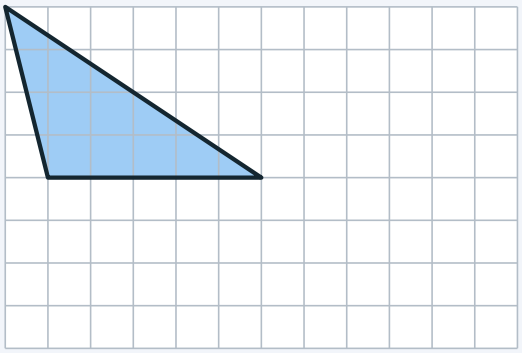
A 9 B 7 C 6 D 2

Area and Perimeter

Grade 6 | 2026-11-16 | Answer key

The ring marks the answer. The orange line under each figure shows one way to work it out. Check it together.

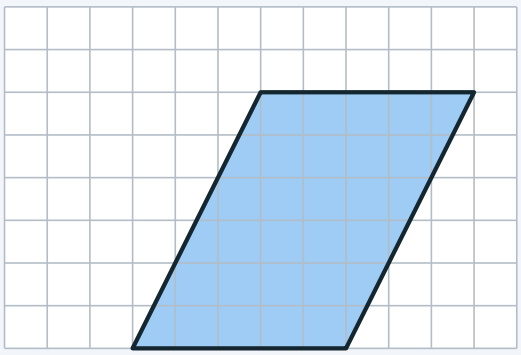
1 What is the area in square units?



5 × 4 ÷ 2 = 10

A 10 **B** 6 **C** 15 **D** 12

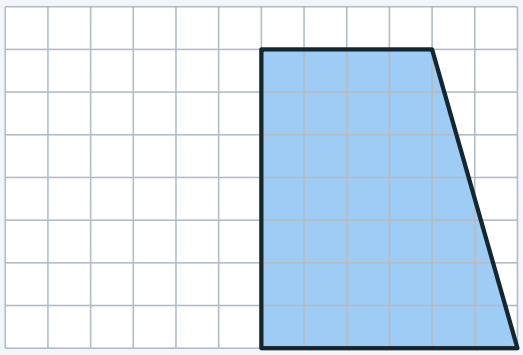
2 What is the area in square units?



5 × 6 = 30

A 30 **B** 24 **C** 15 **D** 22

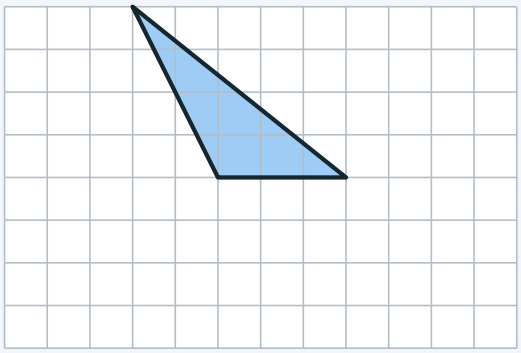
3 What is the area in square units?



(6 + 4) × 7 ÷ 2 = 35

A 35 **B** 70 **C** 28 **D** 42

4 What is the area in square units?



3 × 4 ÷ 2 = 6

A 9 **B** 7 **C** 6 **D** 2

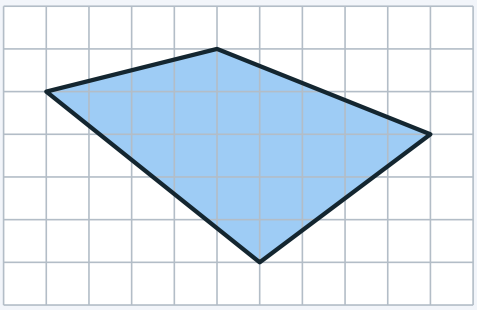
Area and Perimeter

Grade 7 | 2026-11-16 | Worksheet

Each small square of the grid is 1 square unit and each side of it is 1 unit long. Area is the number of squares inside a figure; perimeter is the length all the way around it. Circle the letter of your answer.

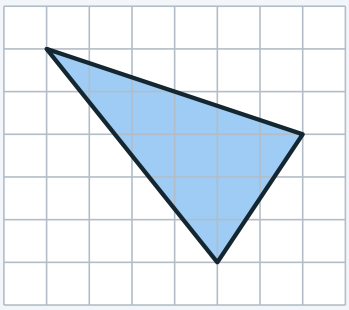
Draw a rectangle around the figure, then subtract the corner pieces that lie outside the figure.

1 What is the area in square units?



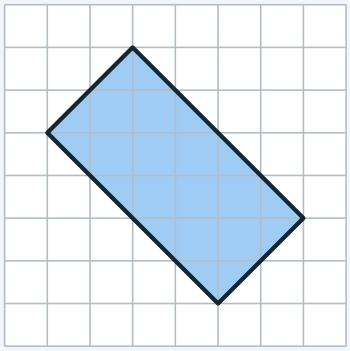
A 45 B 22 C 21 D 24

2 What is the area in square units?



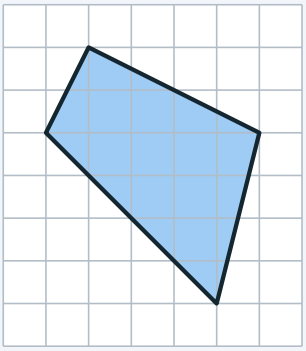
A 12 B 11 C 13 D 19

3 What is the area in square units?



A 17 B 18 C 19 D 16

4 What is the area in square units?



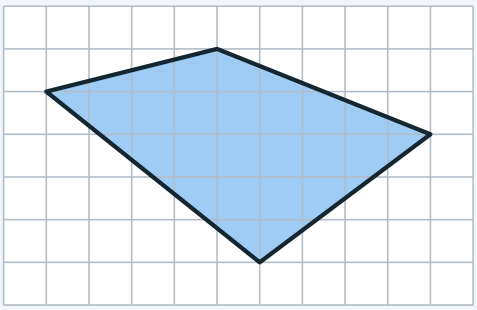
A 14 B 30 C 17 D 15

Area and Perimeter

Grade 7 | 2026-11-16 | Answer key

The ring marks the answer. The orange line under each figure shows one way to work it out. Check it together.

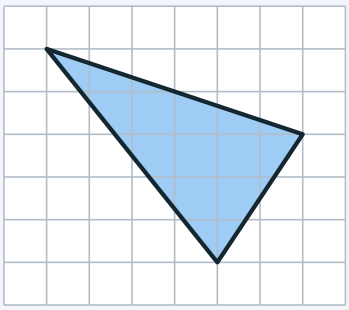
1 What is the area in square units?



$9 \times 5 - 6 - 5 - 2 - 10 = 22$

A 45 **B 22** C 21 D 24

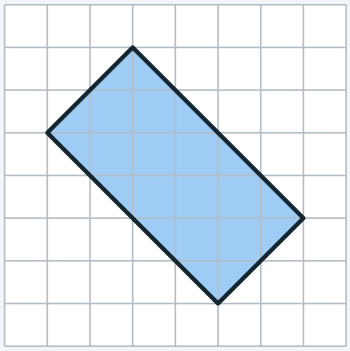
2 What is the area in square units?



$6 \times 5 - 3 - 6 - 10 = 11$

A 12 **B 11** C 13 D 19

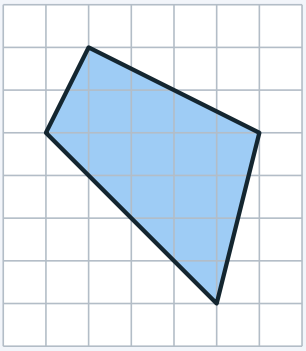
3 What is the area in square units?



$6 \times 6 - 2 - 8 - 2 - 8 = 16$

A 17 B 18 C 19 **D 16**

4 What is the area in square units?



$5 \times 6 - 2 - 4 - 1 - 8 = 15$

A 14 B 30 C 17 **D 15**

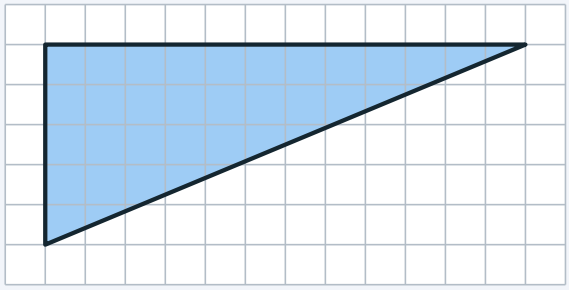
Area and Perimeter

Grade 8 | 2026-11-16 | Worksheet

Each small square of the grid is 1 square unit and each side of it is 1 unit long. Area is the number of squares inside a figure; perimeter is the length all the way around it. Circle the letter of your answer.

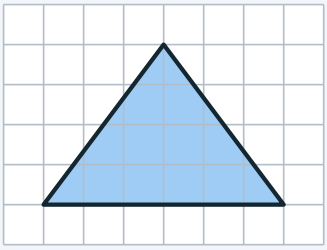
For a slanted side, count the grid steps across and up, then use $a^2 + b^2 = c^2$.

1 **What is the perimeter in units?**



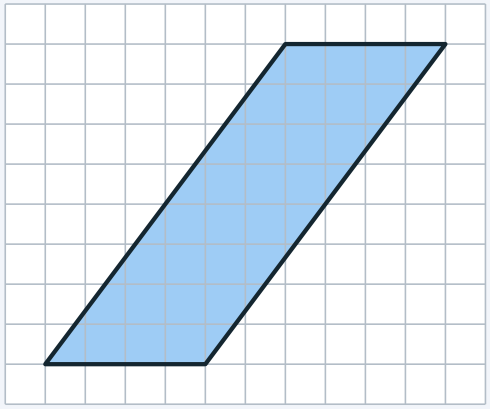
A 29 **B** 33 **C** 30 **D** 32

2 **What is the perimeter in units?**



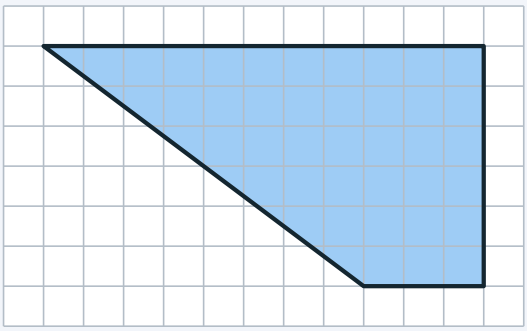
A 17 **B** 12 **C** 15 **D** 16

3 **What is the perimeter in units?**



A 26 **B** 29 **C** 28 **D** 32

4 **What is the perimeter in units?**



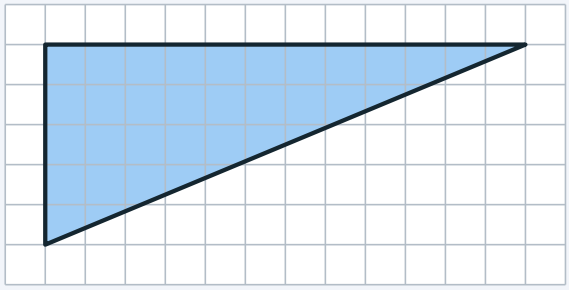
A 28 **B** 30 **C** 42 **D** 32

Area and Perimeter

Grade 8 | 2026-11-16 | Answer key

The ring marks the answer. The orange line under each figure shows one way to work it out. Check it together.

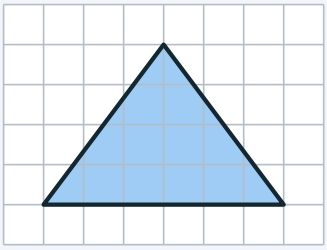
1 What is the perimeter in units?



$5^2 + 12^2 = 13^2$ · 13 + 12 + 5 = 30

A 29 B 33 **C 30** D 32

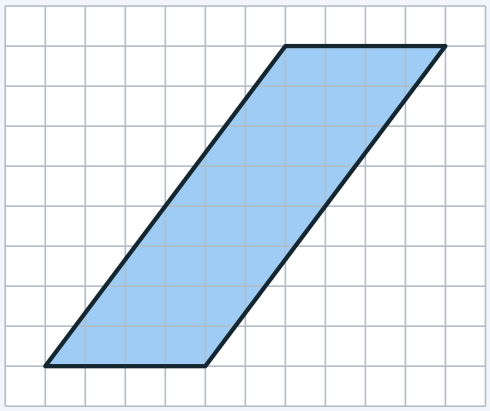
2 What is the perimeter in units?



$3^2 + 4^2 = 5^2$ · 5 + 5 + 6 = 16

A 17 B 12 C 15 **D 16**

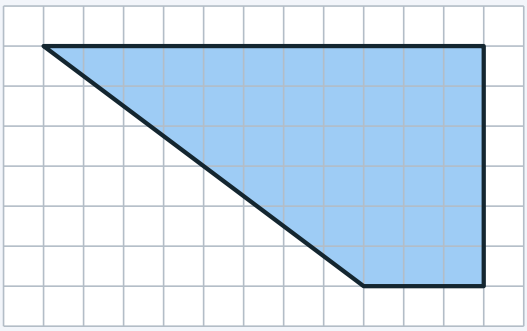
3 What is the perimeter in units?



$6^2 + 8^2 = 10^2$ · 4 + 10 + 4 + 10 = 28

A 26 B 29 **C 28** D 32

4 What is the perimeter in units?



$8^2 + 6^2 = 10^2$ · 10 + 3 + 6 + 11 = 30

A 28 **B 30** C 42 D 32