MATH

Perimeter

Name _____ Date _____

I can find the perimeter of a shape by adding its sides.

1 How it works

Perimeter is the distance all the way around a shape. Start at one corner and add every side until you are back where you started. A 5 by 3 rectangle has a perimeter of 5 + 3 + 5 + 3 = 16 units.

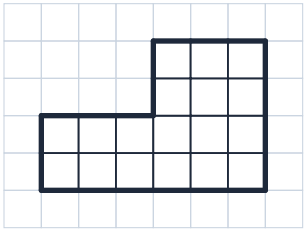


5 + 3 + 5 + 3 = 16 units

2 Count the units around the edge

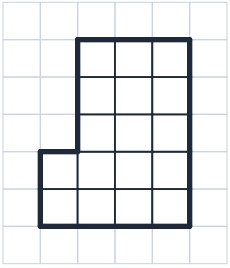
Each side of a square is 1 unit.

1



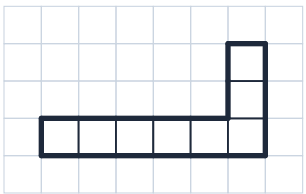
_____ units

2



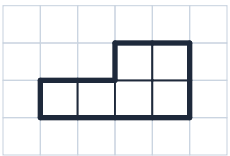
_____ units

3



_____ units

4



_____ units

How did I do? ☆ ☆ ☆

Scan for more free practice

Add the sides

Name _____ Date _____

I can find the perimeter by adding all the sides.

1 Find the perimeter

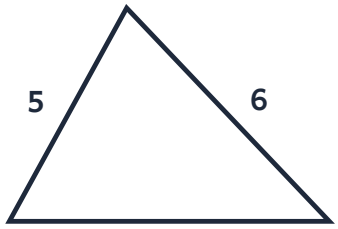
Add every side. All lengths are in units.

1



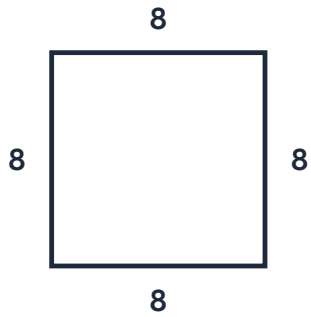
_____ units

2



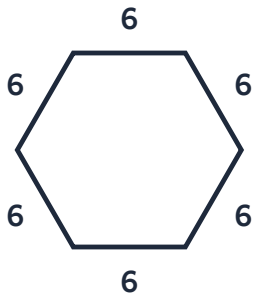
_____ units

3



_____ units

4



_____ units

2 Find the missing side

1. A rectangle has a perimeter of 26 units. Its length is 9 units. What is its width? _____
2. A rectangle has a perimeter of 12 units. Its length is 4 units. What is its width? _____
3. A rectangle has a perimeter of 14 units. Its length is 5 units. What is its width? _____

How did I do? ☆ ☆ ☆

Scan for more free practice

Same perimeter, new shapes

Name _____ Date _____

I can find different rectangles with the same perimeter.

1 Rectangles with a perimeter of 18 units

Fill in each length.

Width	Length
1	
2	
3	
4	

2 Draw a rectangle with a perimeter of 18 units

Go along the grid lines.

3 Squares

1. A square has sides of 8 units. What is its perimeter?
2. A square has a perimeter of 12 units. How long is each side?

How did I do? ☆ ☆ ☆

Scan for more free practice

Word problems

Name _____ Date _____

I can solve problems about area and perimeter.

1 Read, draw, answer

A quick sketch helps.

1 Adam puts a fence around a garden 9 meters long and 4 meters wide. How much fence is needed?

Answer:

2 A square picture frame has sides of 7 inches. What is its perimeter?

Answer:

3 Noor walks around a triangle park with sides of 50, 60 and 70 meters. How far does Noor walk?

Answer:

4 Omar has 20 cm of ribbon to go around a rectangle card 6 cm long. How wide can the card be?

Answer:

How did I do? ☆ ☆ ☆

Scan for more free practice

FOR TEACHERS AND PARENTS

Answer key: perimeter

1 Page 1

Perimeter: 1) 20 units, 2) 18 units, 3) 18 units, 4) 12 units.

2 Page 2

Perimeter: 1) 26 units, 2) 16 units, 3) 32 units, 4) 36 units.
Missing side: 1) 4 units 2) 2 units 3) 2 units.

3 Page 3

Perimeter 18: width 1, length 8; width 2, length 7; width 3, length 6; width 4, length 5.
Draw: any rectangle whose length and width add up to 9.
Squares: 1) 32 units 2) 3 units.

4 Page 4: word problems

1) 26 meters (9 + 4 + 9 + 4)
2) 28 inches (4 × 7)
3) 180 meters (50 + 60 + 70)
4) 4 cm (6 + 6 = 12, 20 − 12 = 8, 8 ÷ 2 = 4)

5 Teaching tip

Have children mark each side as they add it, so no side is counted twice or missed. A piece of string around the shape makes the idea concrete.

Scan for more free practice