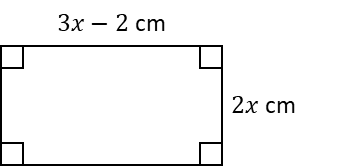
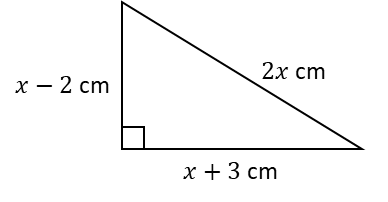
**A picture containing drawing

Description automatically generatedAlgebra and Shape GREEN**

1. The perimeter of this rectangle is cm.

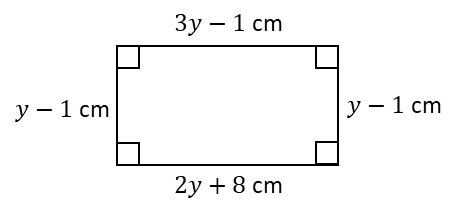
Find the value of .

\_\_\_\_\_\_\_\_\_ cm

2. The perimeter of this shape is cm.

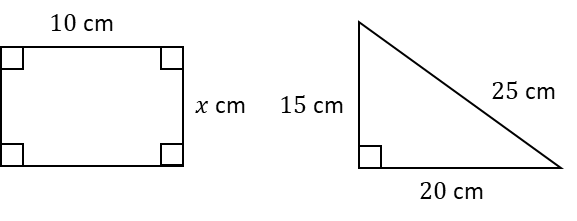
What is ?

\_\_\_\_\_\_\_\_\_ cm

3. A rectangle has the lengths shown.

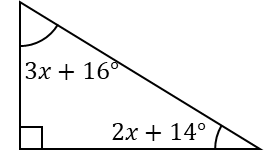
Find the perimeter of the rectangle.

Perimeter = \_\_\_\_\_\_\_\_\_ cm

4. The area of the right-angled triangle is equal to the area of the rectangle.

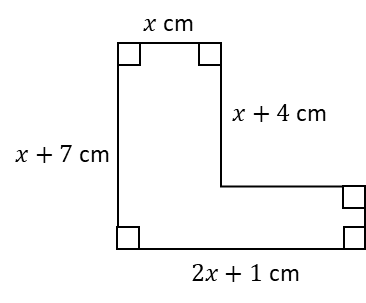
Work out the value of .

\_\_\_\_\_\_\_\_\_ cm

5. The diagram shows a right-angled triangle.

Calculate the value of .

\_\_\_\_\_\_\_\_\_ º

6. The area of this compound shape is cm².

a) Find the value of .

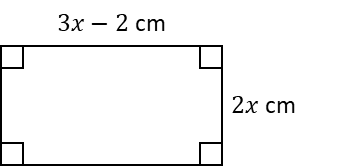
\_\_\_\_\_\_\_\_\_ cm

b) Hence calculate the perimeter of the shape.

\_\_\_\_\_\_\_\_\_ cm

**A picture containing drawing

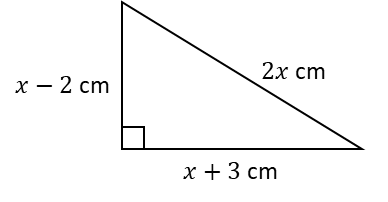
Description automatically generatedAlgebra and Shape AMBER**

1. The perimeter of this rectangle is cm.

Find the value of .

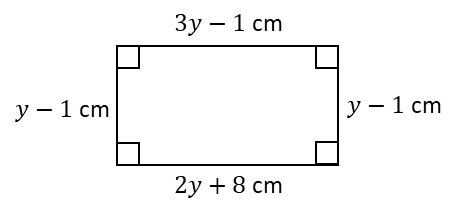
Perimeter = total distance around the edge of the shape

\_\_\_\_\_\_\_\_\_ cm

2. The perimeter of this shape is cm.

What is ?

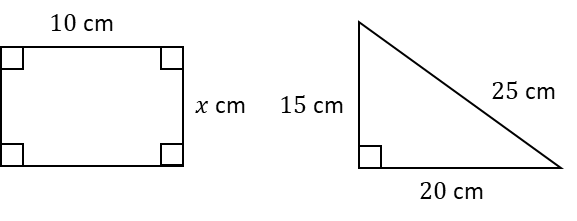
\_\_\_\_\_\_\_\_\_ cm

3. A rectangle has the lengths shown.

Find the perimeter of the rectangle.

Use the fact that opposite sides of a rectangle are equal

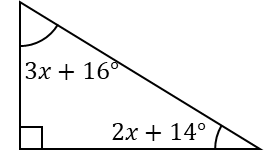
Perimeter = \_\_\_\_\_\_\_\_\_ cm

4. The area of the right-angled triangle is equal to the area of the rectangle.

Work out the value of .

Start by calculating the area of the triangle

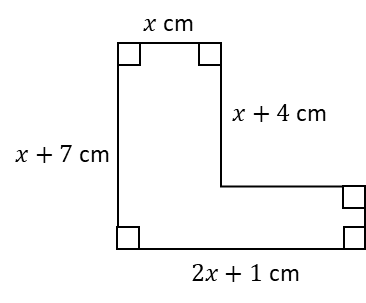
\_\_\_\_\_\_\_\_\_ cm

5. The diagram shows a right-angled triangle.

Calculate the value of .

What do angles in a triangle sum to?

\_\_\_\_\_\_\_\_\_ º

6. The area of this compound shape is cm².

a) Find the value of .

Split the shape into two rectangles!

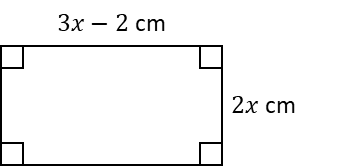
\_\_\_\_\_\_\_\_\_ cm

b) Hence calculate the perimeter of the shape.

\_\_\_\_\_\_\_\_\_ cm

**A picture containing drawing

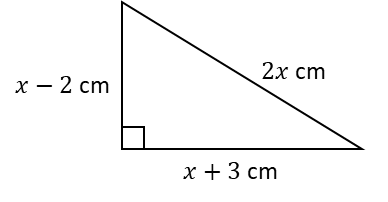
Description automatically generatedAlgebra and Shape RED**

1. The perimeter of this rectangle is cm.

Find the value of .

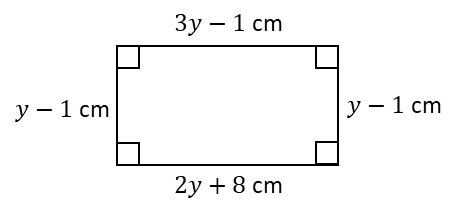
Perimeter = total distance around the edge of the shape

\_\_\_\_\_\_\_\_\_ cm

2. The perimeter of this shape is cm.

What is ?

\_\_\_\_\_\_\_\_\_ cm

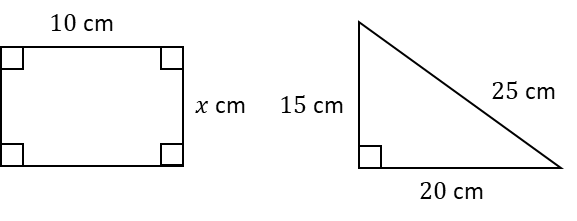
3. A rectangle has the lengths shown.

Find the perimeter of the rectangle.

Use the fact that opposite sides of a rectangle are equal

(solve this!)

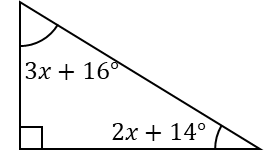
Perimeter = \_\_\_\_\_\_\_\_\_ cm

4. The area of the right-angled triangle is equal to the area of the rectangle.

Work out the value of .

Start by calculating the area of the triangle

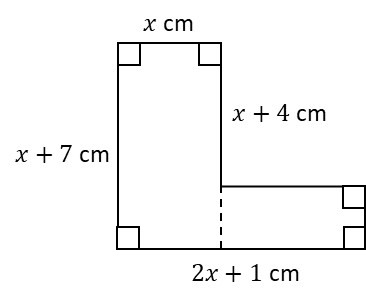
\_\_\_\_\_\_\_\_\_ cm

5. The diagram shows a right-angled triangle.

Calculate the value of .

What do angles in a triangle sum to?

\_\_\_\_\_\_\_\_\_ º

6. The area of this compound shape is cm².

a) Find the value of .

Split the shape into two rectangles!

\_\_\_\_\_\_\_\_\_ cm

b) Hence calculate the perimeter of the shape.

\_\_\_\_\_\_\_\_\_ cm