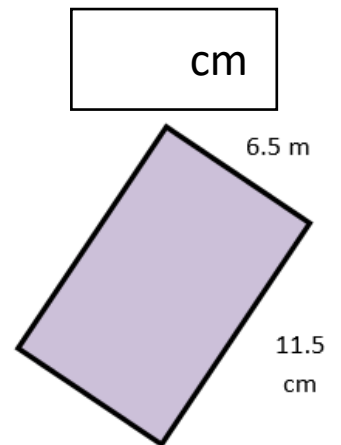
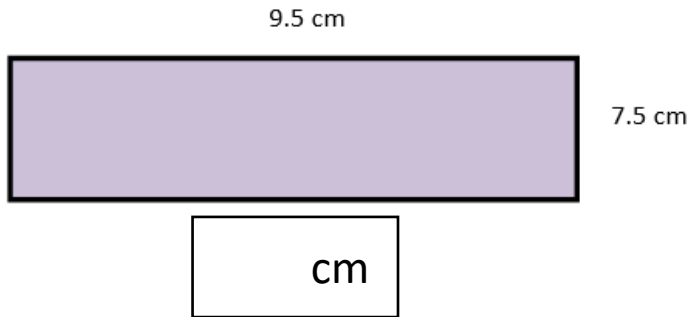


IAL: to calculate perimeter

https://www.youtube.com/watch?v=C_J6mZ6-g_E
<https://www.bbc.co.uk/bitesize/topics/zvmxsbk/articles/zsr4k7h>

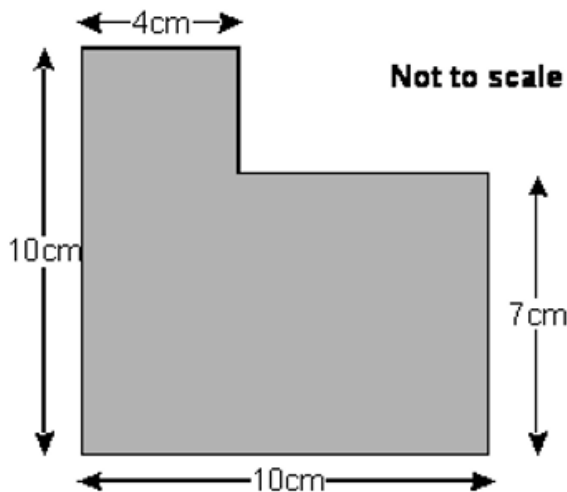
A

Find the perimeters of these rectangles:



A regular hexagon has a perimeter of 78cm.
How long are the sides of the hexagon?

cm



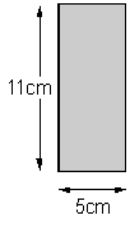
Calculate the perimeter of this shape.

cm

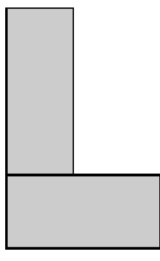
B

This square has a perimeter of 64cm.

Liam has two rectangular tiles like this.

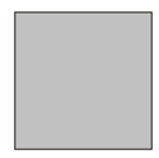


He makes this L shape.



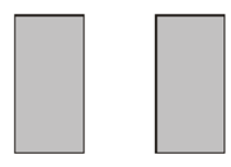
What is the **perimeter** of Liam's L shape?

cm



Not actual size

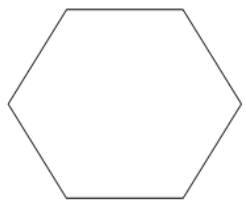
The square is cut in half to make two identical rectangles.



What is the perimeter of **one** rectangle?

cm

C

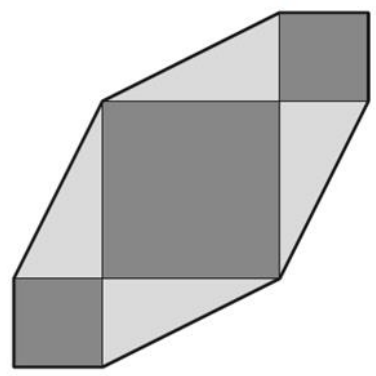


A regular hexagon has sides that are 7.08m long. What is its perimeter in cm?

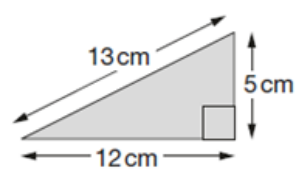
cm

Chen has some right-angled triangular tiles.

He makes this shape with four of his triangular tiles and three square tiles.



Not actual size



Not actual size

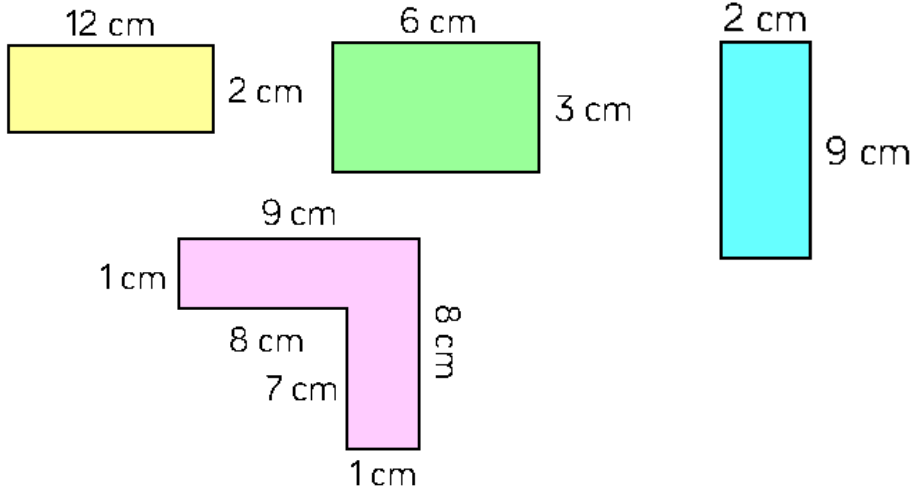
What is the **perimeter** of Chen's shape?

cm

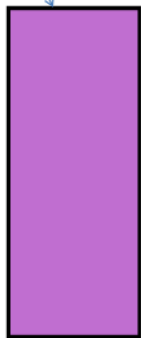
IAL: to calculate area

A

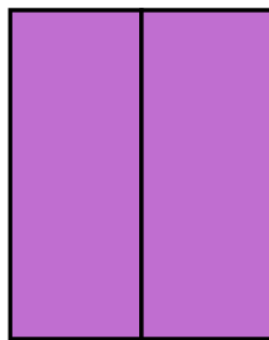
Look at the shapes below.
Do any of them have the same area?



This rectangle is 3cm wide and 5cm long.



I put two of them together. What is the area of this shape?



B

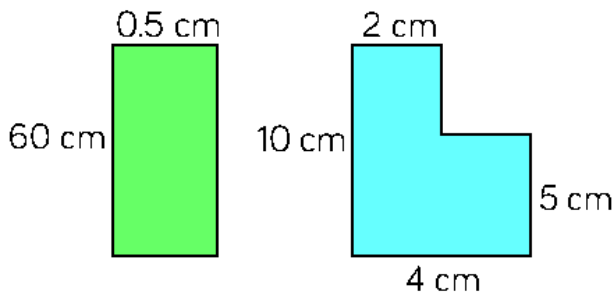
Gumbo says, "Two rectangles can have the same area but different perimeters."

Is he right or wrong? Explain (show- give examples) how you know.

Kylie and Dannii are challenged to draw a shape with an area of 30cm^2 .

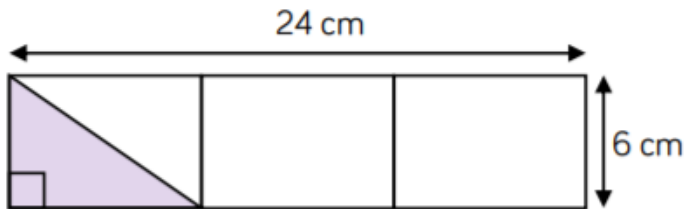
Kylie draws the shape on the left and Dannii draws the shape on the right.

Did they get it right?



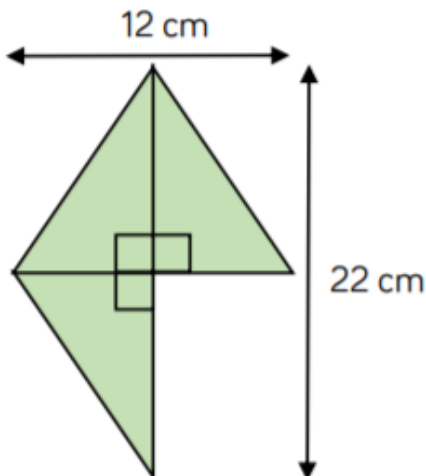
<https://www.youtube.com/watch?v=6WsQH1cAYMM>

C



Calculate the area of the shaded triangle.

cm²



This shape is made of three identical triangles.

Calculate the area of the shape.

cm²

IAL: to apply my understanding of area and perimeter

Three children are given the same shape to draw.

Kate says, "The smallest length is 2 cm."

Lucy says, "The area is less than 30 cm^2 "

Ash says, "The perimeter is 22 cm."

What could the shape be?

Use the grid below to draw the shapes. It is not 1 cm^2 but will help. There are many, many possible answers!

