



CTSC MATHS THINKER

Perimeter, Area & Volume
Grade 6



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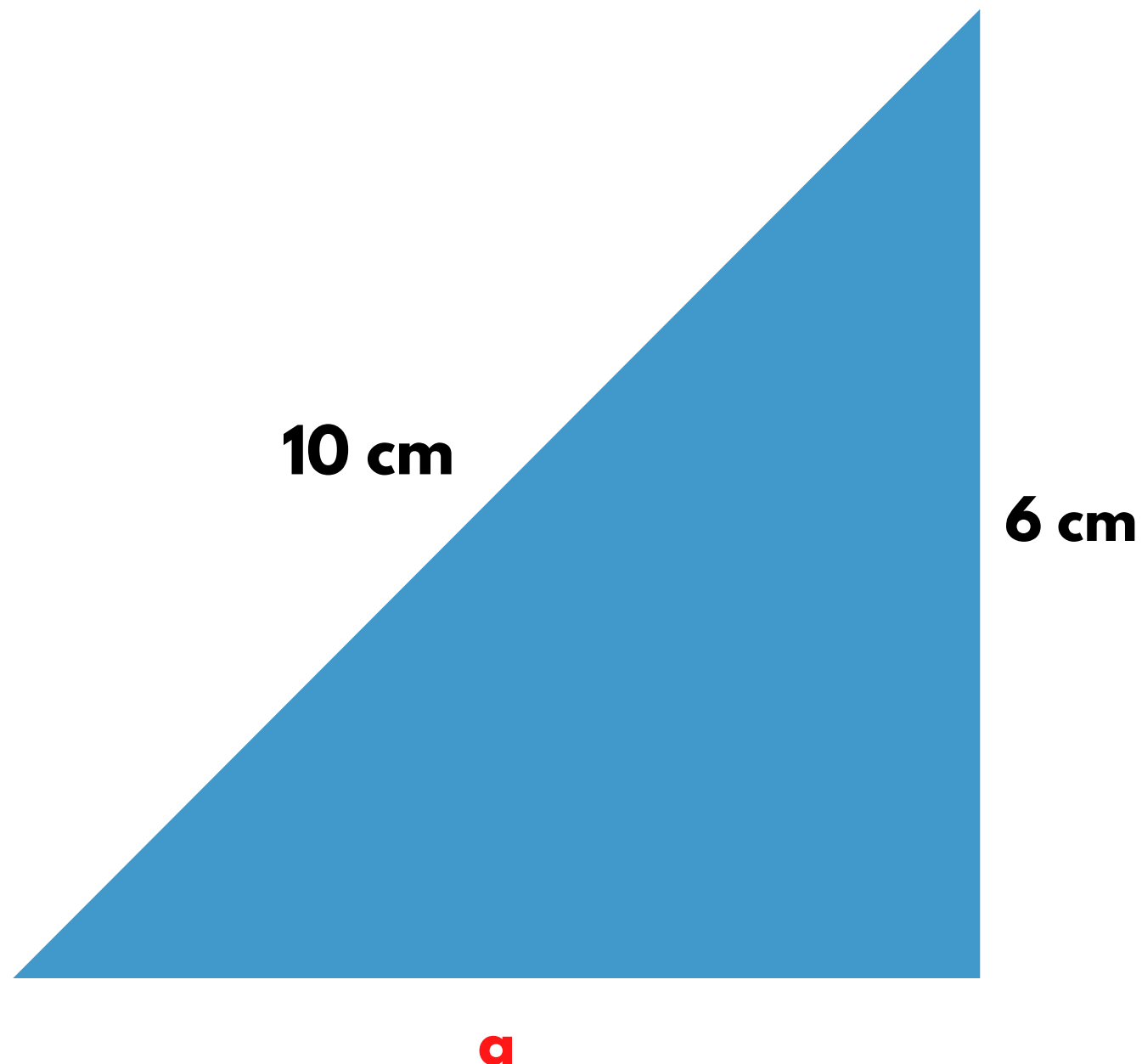


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Question 1

The school just got a new pool that is triangular in shape. The length of the 3 sides of the pool is 10 cm, 6 cm and the last side has an unknown length (a).

The perimeter of the pool is 24 cm. Find the value of a in centimetres.



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Question 2

Look at the rectangle below. Using a ruler as a measuring tool, give the perimeter of the rectangle in centimetres.



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Question 3

This rectangular is made of unit squares.

What is the area of the shape below?



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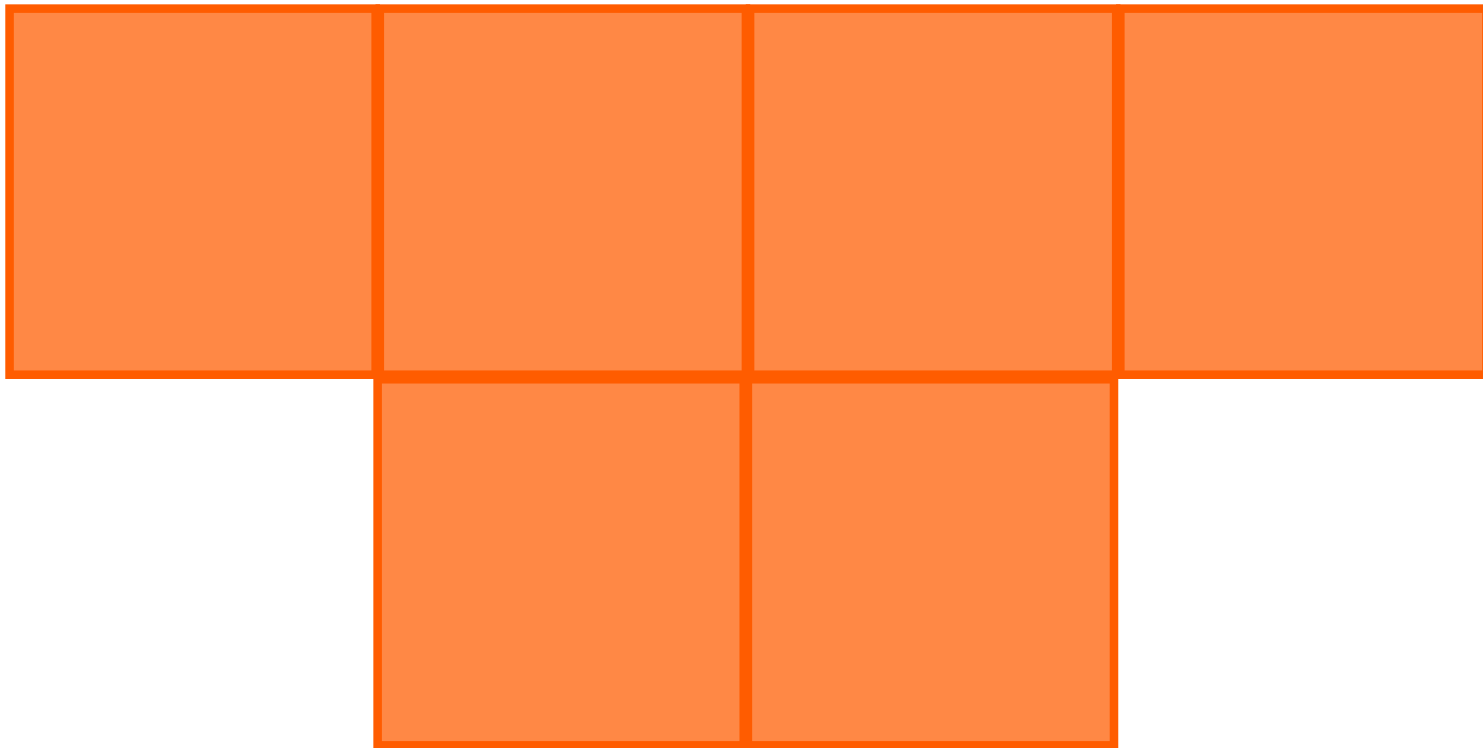


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Question 4

This irregular shape is made of unit squares.

What is the area of the shape below?



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Question 5

The long jump pit is a rectangle with lengths as stated in the diagram below. Calculate the length of b in metres, if the area of the long jump pit is equal to 10 m^2

2 m



b

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Question 6

What is the area of the square below?



4 cm

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Question 7

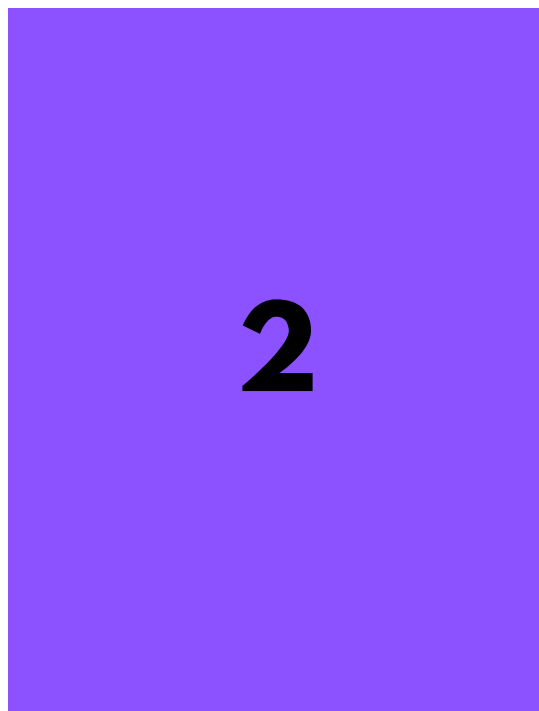
The rectangles below have the same area. If the perimeter of rectangle no. 2 is 22 centimetres, what are the dimensions of rectangle no. 2?

10 cm

3 cm



2



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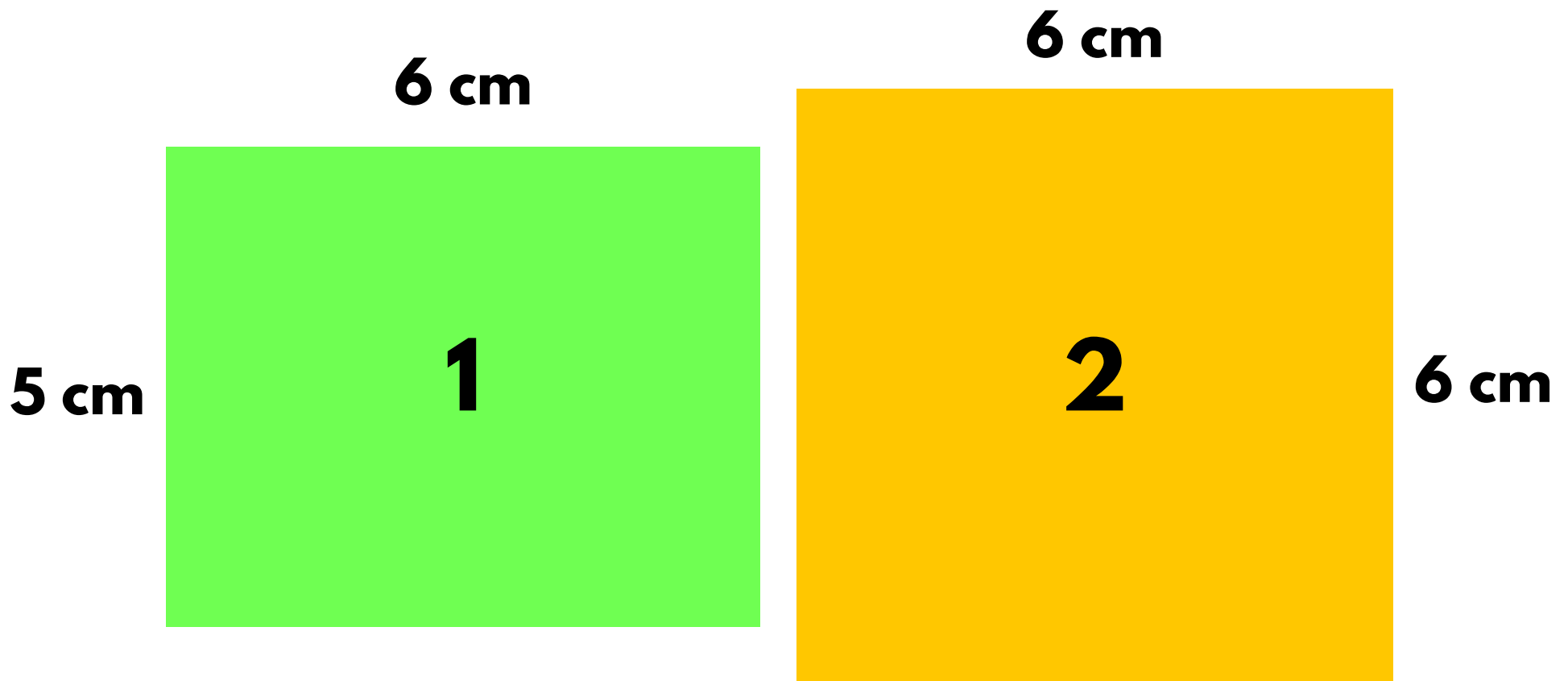
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Question 8

Which shape has the greater area?



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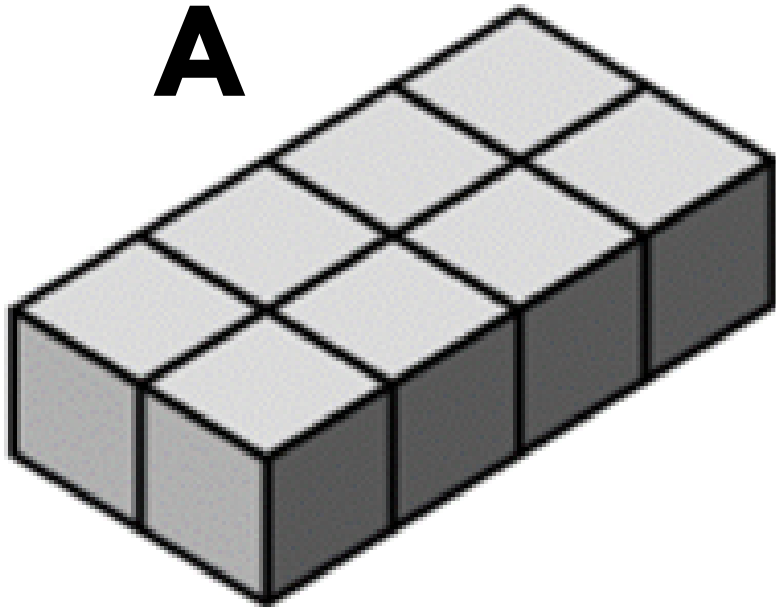


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Question 9

Looking at the shapes below, give the volume in cubic squares?

A



B

