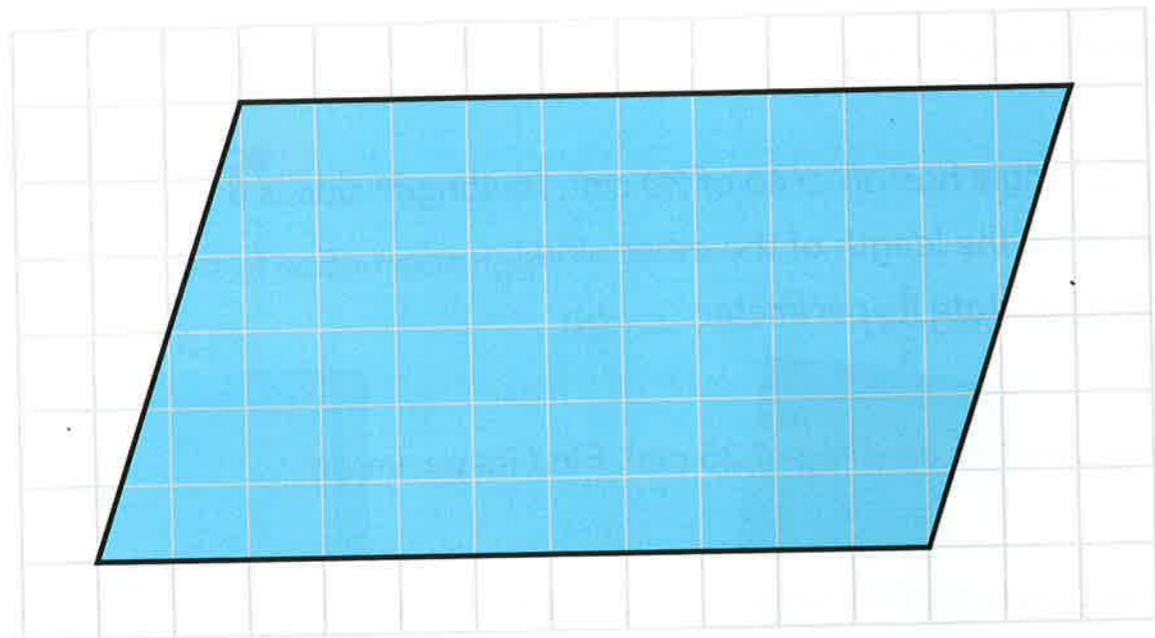


Finding the Area of Parallelograms

Lesson 2

In Focus

A quadrilateral in which each pair of opposite sides is parallel is called a parallelogram.



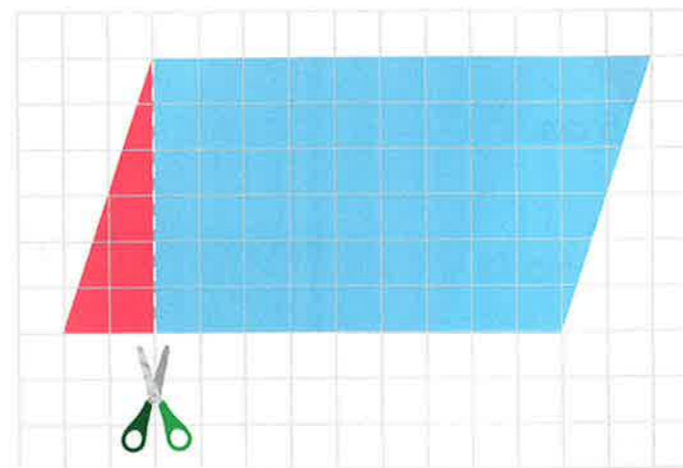
What measurements are needed to find the area of a parallelogram?

Is a rectangle a parallelogram?

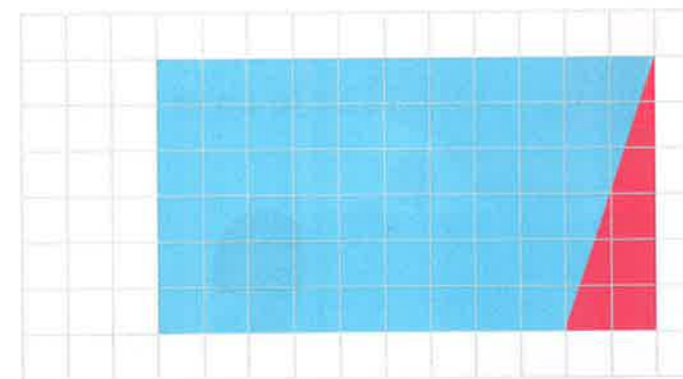


Let's Learn

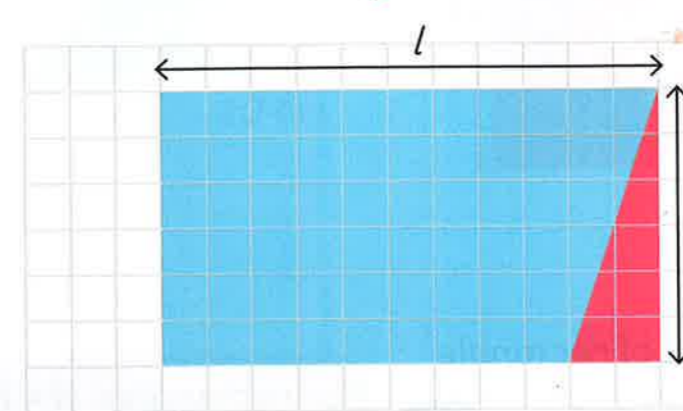
1  did this.



I am trying to get a rectangle.



I know how to find the area of this rectangle.



I need this length, l cm.

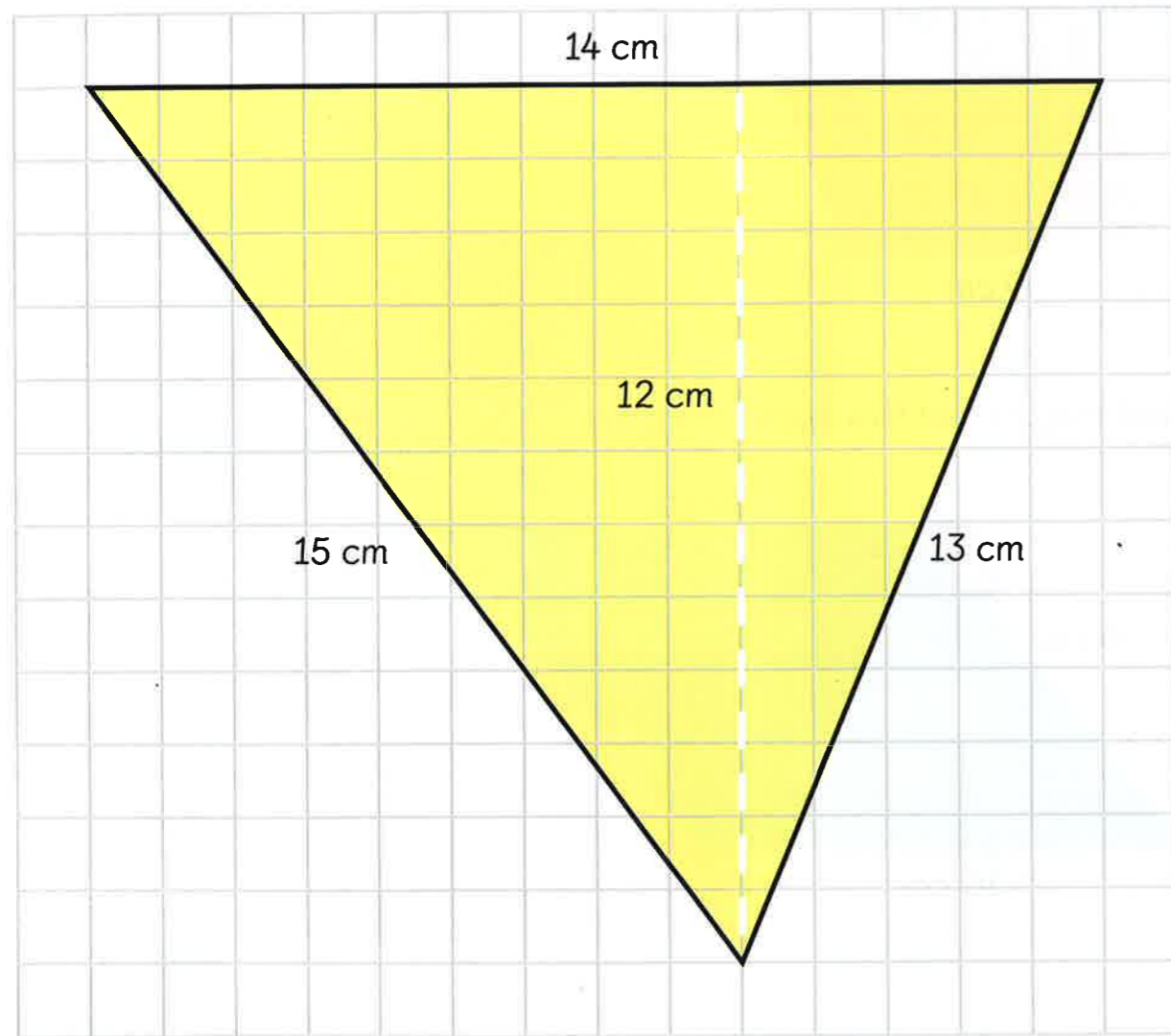


I also need this breadth, b cm.

The area of the parallelogram is equal to the area of the rectangle.

Finding the Area of Triangles

In Focus

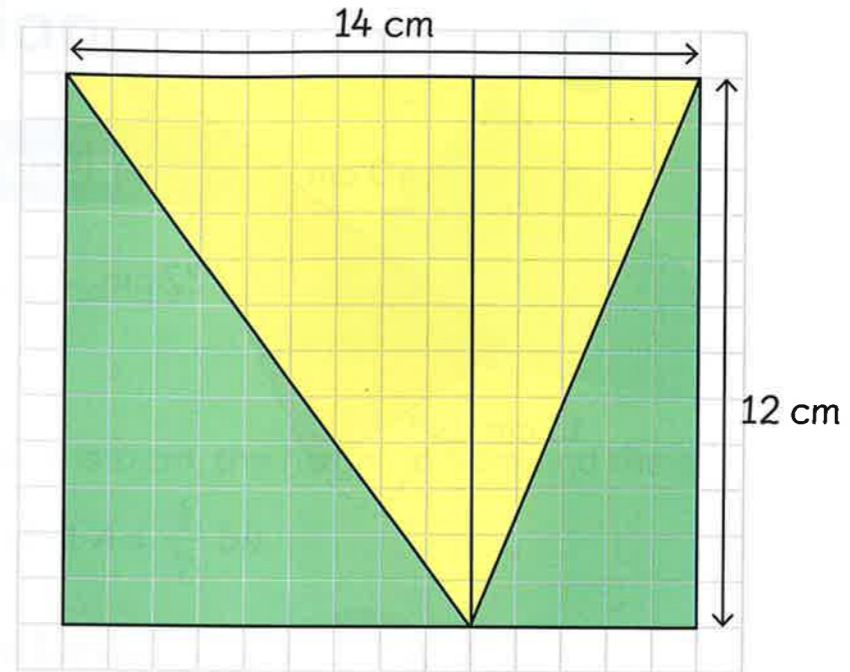


Is there a way this triangle can be changed into a rectangle?

Lesson 3

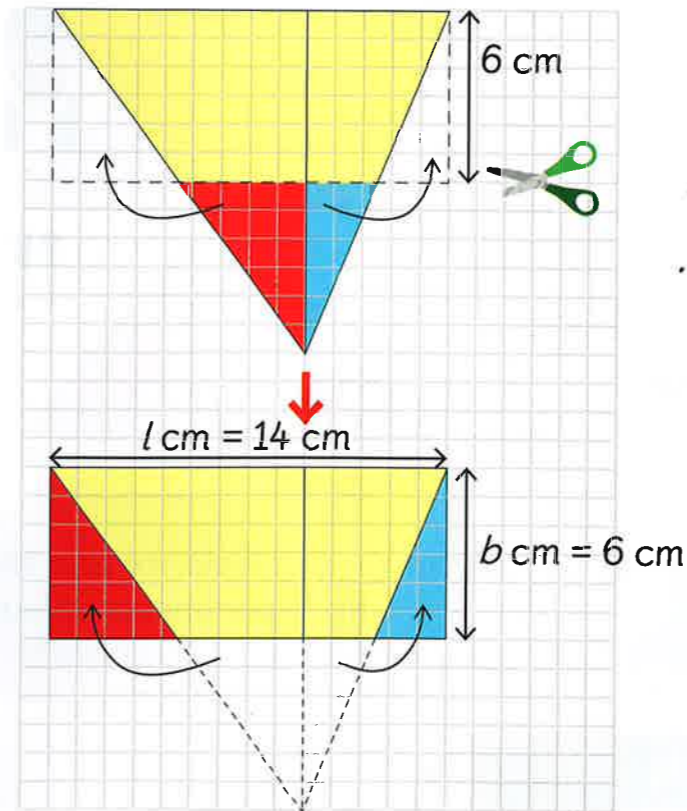
Let's Learn

1  's method




Area of triangle
 $= \left(\frac{1}{2} \times 14 \times 12\right) \text{ cm}^2$
 $= \text{[] cm}^2$

2  's method



Area of triangle
 $= \text{area of rectangle}$
 $= [14 \times \left(\frac{1}{2} \times 12\right)] \text{ cm}^2$
 $= \text{[] cm}^2$

 For rectangle,
 $A = l \times b.$