

Mathematics

**Decimals and measures**

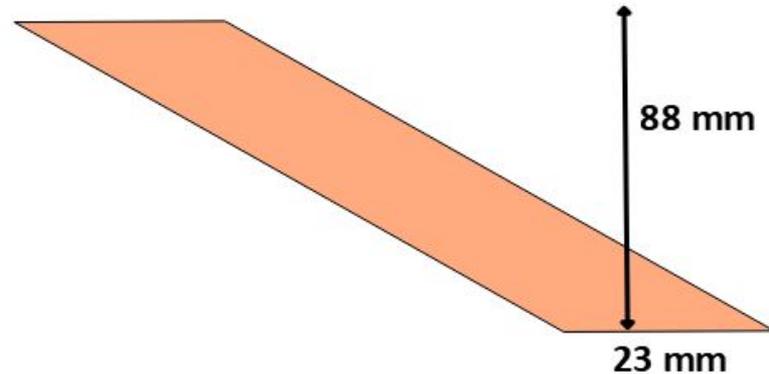
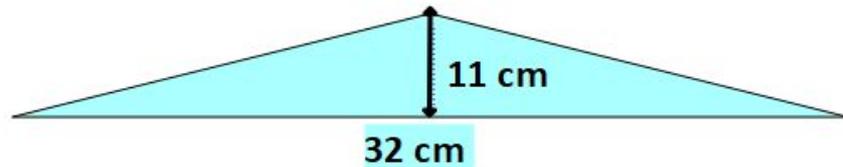
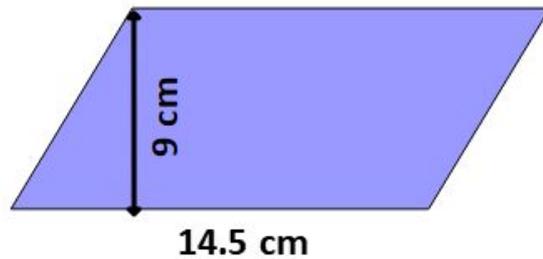
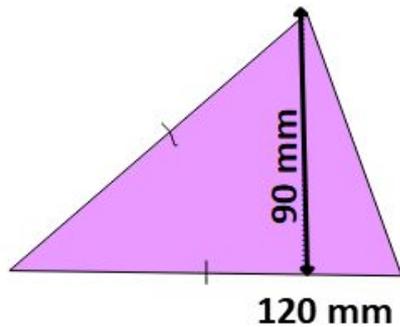
**Calculate the area of parallelograms and triangles**

**Independent Task**



## Question 1

Calculate the area of each triangle and parallelogram.



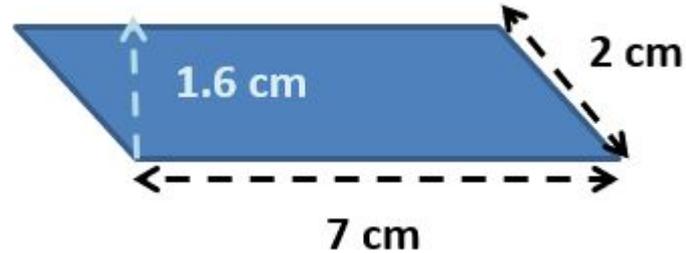
## Question 2

Elizabete is calculating the area of this parallelogram.

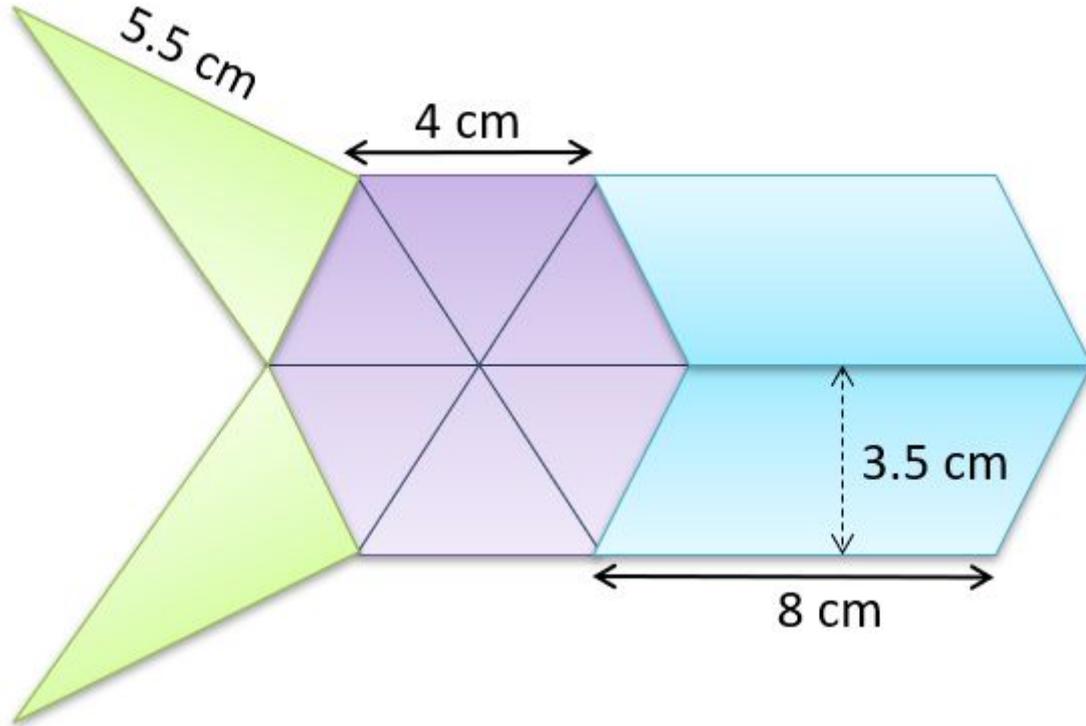
She says:

*I measured the two sides and found they were 7 cm and 2 cm. The area is  $14 \text{ cm}^2$ .*

Elizabete is incorrect. Why?



### Question 3

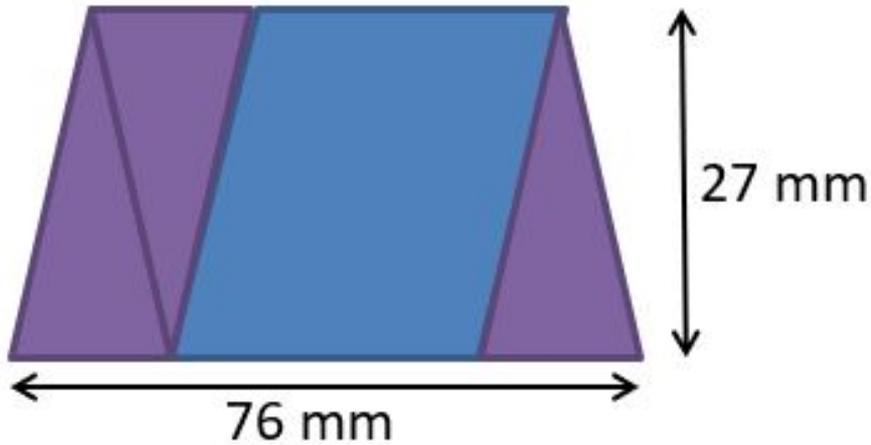


Ronaldo draws a design of a fish using 6 congruent equilateral triangles, two identical right angle triangles and two identical parallelograms.

What is the area of the design?



## Question 5



This trapezium is made of three isosceles triangles and a parallelogram. The base of one triangle is 12 mm.

What is the area of the trapezium?



## Question 5

A jewellery designer makes a pendant using a triangle with a smaller triangular hole in the middle.

The hole has an area a quarter of the whole pendant.

What is the area of the pendant?

