

Perimeter and Area

KEY

Today the perimeter will be always the same because you are using a piece of cord or string, not an elastic band (rubber band).

Areas are going to be different, but it is impossible to calculate it for you because I do not know how long your piece of cord is (it can be different for all children), ensure it fits exact points in the geoboard:

Remember formulas to calculate areas:

- ✓ Square, rectangle and rhombus is length of base x vertical height.
- ✓ Triangle is base x height divided by 2.
- ✓ Hexagon and pentagon can be divided into triangles and then calculate the area of one of the triangles and multiply by the number of triangles.

You can add other shapes and ask the children to create their own shapes and share the results with the class.

Remember that it is important to speak in English all the time.

It is a good idea to remind the children the vocabulary that they are going to use during the lesson.

This activity can be done individually or in pair, but always dedicate some minutes before the end of the session to talk about it with the whole class.

In future lessons, you can try this kind of exercise using rubber bands. If you have got an overhead projector, you can model what is to be done for the children to learn exactly how to do it.