

Learning and teaching mathematics through research and inquiry







1st example













From a piece of cardboard cut any shape. The length of the shape is equal to the radius of the circle.















Examples



















2nd example



Regular polygonal

A regular polygon is a polygon that has all sides of equal length, all angles harmonious with each other.

The vertices of a regular polygonal lie at an equal distance on a circle. each regular polygonal can be drawn and a circle described, the centres of which are at the same point.

How to begin?

When designing polygons, the students had the information that the side was five centimeters long.

They calculated the size of one inner angle themselves, and with this data they were able to start planning.

Designing regular polygons with a common side



Designing regular polygons with a common vert









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