Mathematics

Quadrilaterals in circles
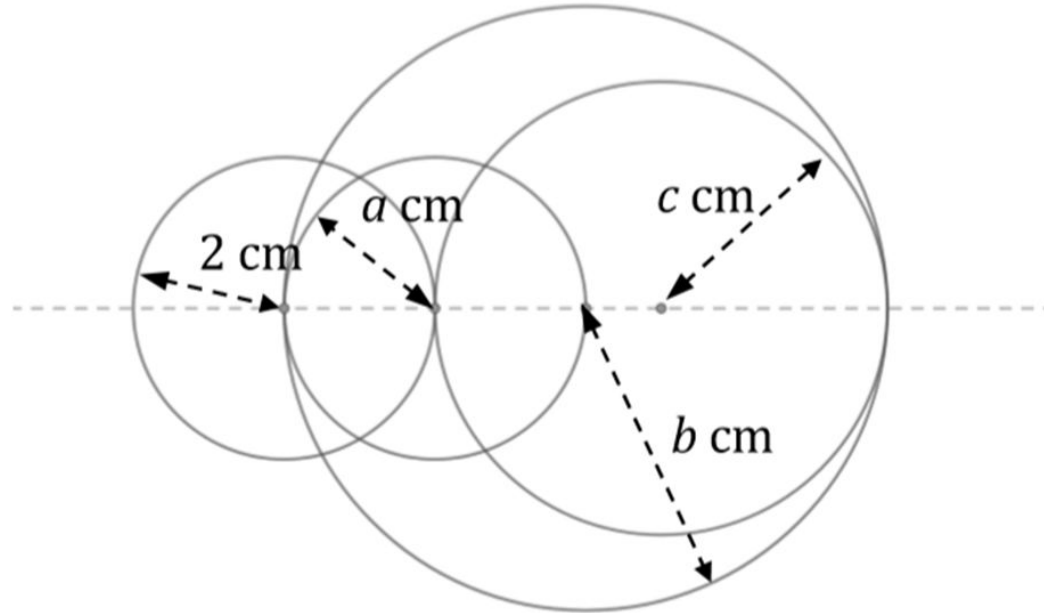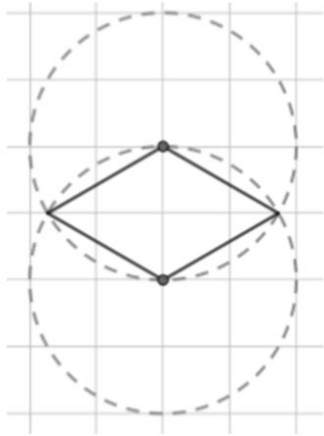
Independent Task

Miss Oreyomi

1) Find the lengths of radii a, b and c, explain your reasoning
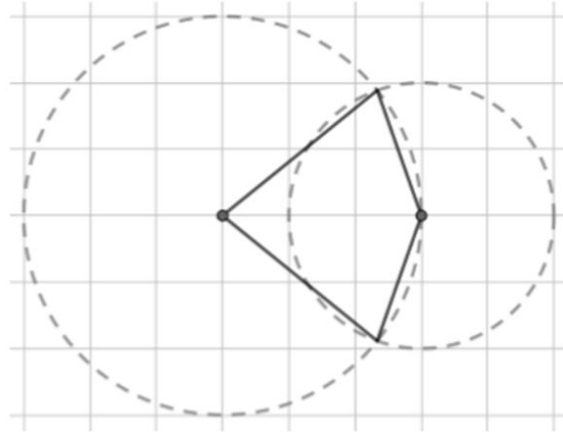
Questions

2) Find the side lengths of each quadrilateral drawn on the **cm squared grid:**

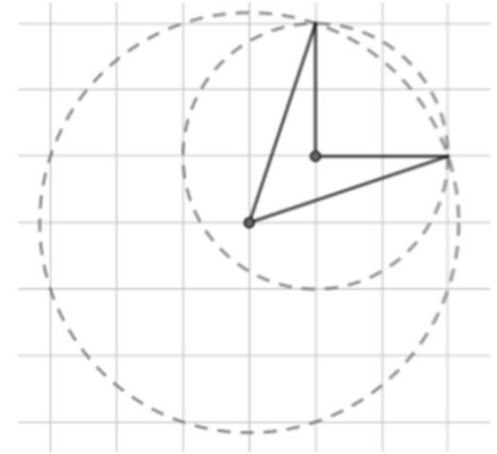
a)

b)

c)

Questions

3) Imagine moving the black vertex of this quadrilateral to each of the labelled points:

      i) What quadrilateral would be formed?

      ii) How many lines of symmetry would it have?

Questions

4) Each image is created using circles with a radius of length 2 cm, 4 cm and 6 cm. Name the following shapes, find their side lengths and describe their symmetry.

a)

b)

c)

d)