

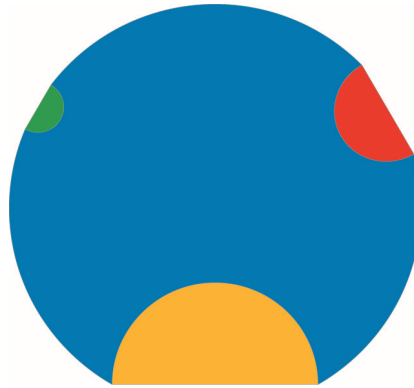


School:
Name of Student:
Sets: circle
Further tools: paper, pencil, ruler, compass, protractor
Date:

STUDENT
PUSE Task Number
B
128

Description of the task:

How can we construct the centre of a Poly-Universe circle? The description and figure below can help:



There are three semicircles attached to the boundary of the circle. The three semicircles are situated in such a way that they make 120° angles with one another. The radius of the large semicircle is half of the radius of the base circle, the radius of the medium semicircle is one fourth that of the base circle, and the radius of the smallest semicircle is one eighth that of the base circle. The diameters of the three semicircles cut off three shapes from the base circle, so that the base form is not exactly a circle.

Solution(s) of the task:

Remarks / Self-evaluation: