

Dr Oliver Mathematics
Worked Examples
Find the Area of the Yellow Region 2

From: LoveMath., 11 April 2023

1. In Figure 1, two concentric half-circles are shown.

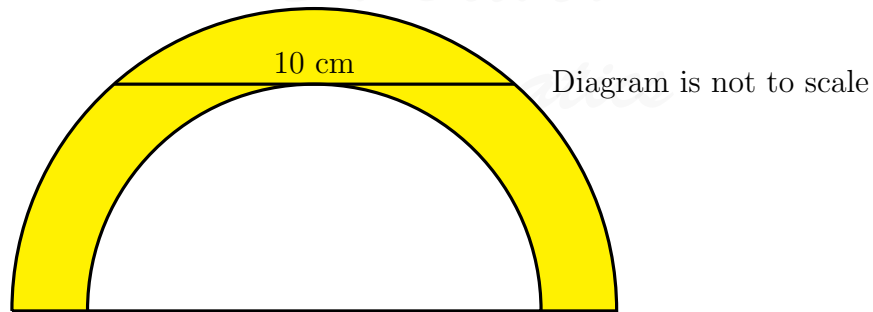


Figure 1: two concentric half-circles

The length of the horizontal chord of the bigger half-circle is tangent to the smaller half-circle is 10 cm.

Find the shaded area in yellow.