

**Dr Oliver Mathematics**  
**Worked Examples**  
**Find the Area of the Yellow Region 1**

**From:** LoveMath., 28 April 2023

1. In Figure 1, a circle, centred at  $O$  and of radius 17 cm, parallel chords  $AB$  and  $CD$  are drawn.

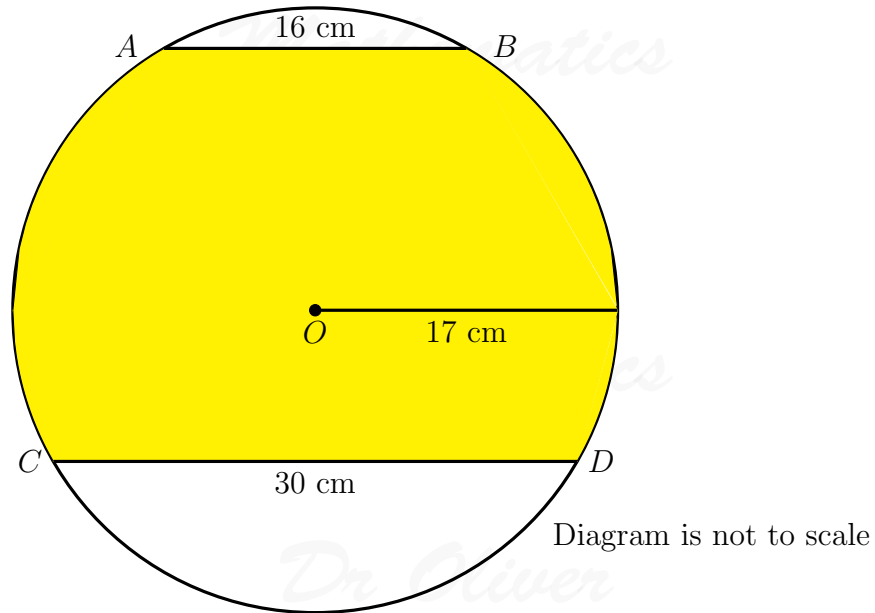


Figure 1: a circle, centred at  $O$  and of radius 17 cm

These parallel chords are, respectively,  $AB = 16$  cm and  $CD = 30$  cm.

Find the area which is coloured in yellow.