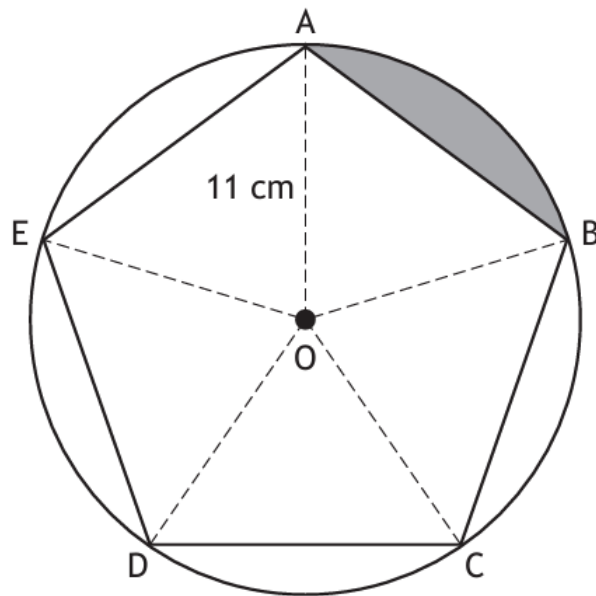


The vertices of a regular pentagon, $ABCDE$, lie on a circle, centre O .



The radius of the circle is 11 centimetres.
Calculate the area of the shaded segment.

5

Answer:

18.5 cm^2