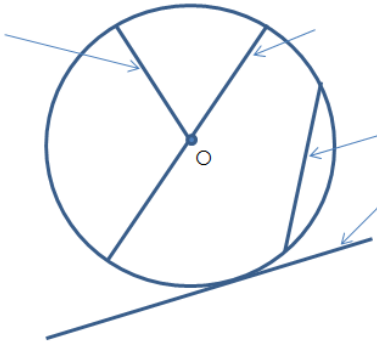


Name: _____

YEAR 11 MINI-ASSESSMENT 17

FOUNDATION – CIRCLES – NON CALCULATOR

1. (a) What is the mathematical name given to the four lines marked by the arrows?



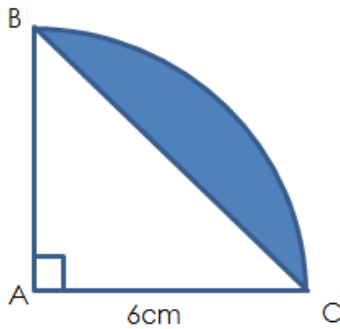
(4)

- (b) A circle had a radius of 4cm. What is its circumference? Give your answer in terms of π .

(2)

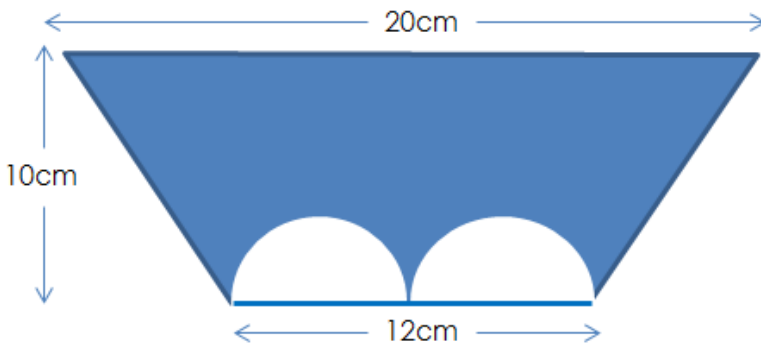
[6 marks]

2. ABC is a quarter of a circle with a centre A. AC and AB are radii of length 6cm. Find the area of the shaded region in terms of π .



[4 marks]

3. The diagram shows a trapezium with two identical semi-circles. Find the area of the shaded area. Give your answer in terms of π .



[4 marks]