Show all working – Calculator allowed.
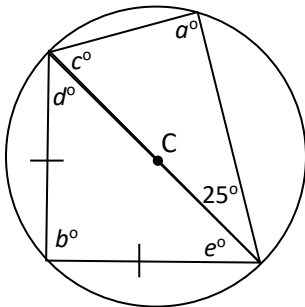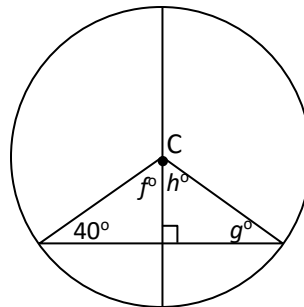
1. Find the missing angles in each of these diagrams.
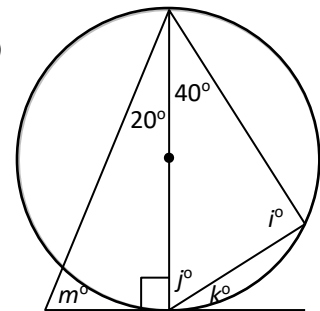
a)

(b)

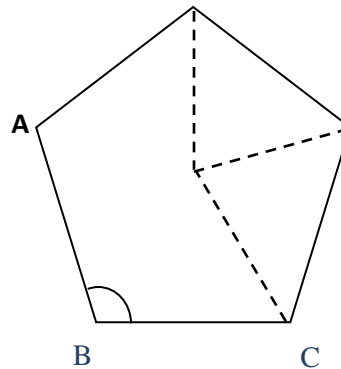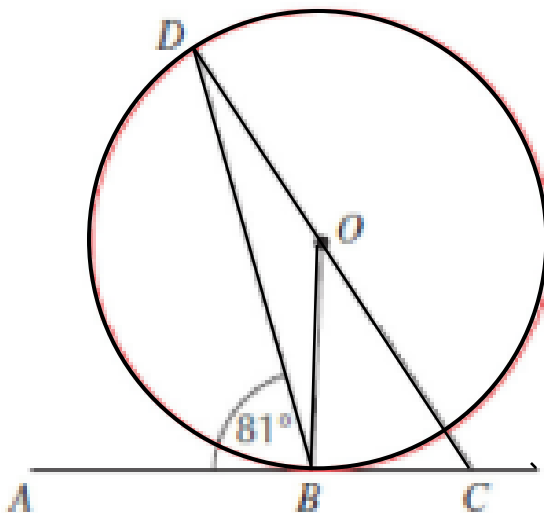(c)

(12)

2. Calculate the size of angle *ABC*

(3)

3.

O is the centre of the circle and AC is a tangent at point B.

Calculate the size of angle OCB.

(3)

Total Marks: 18