SPTA
N5 Homework
Angle Properties (B)

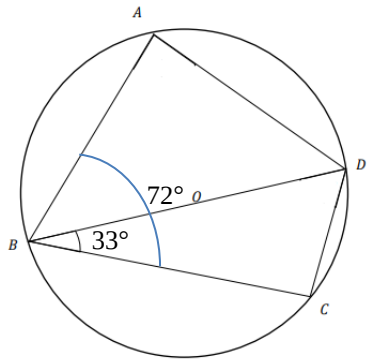
Show all working – NO Calculator allowed.

Marks

1. The diagram shows a circle with diameter *BD*.

If angle *CBD* is 33° and angle *ABC* is 72°

calculate the size of angle *ADC*.

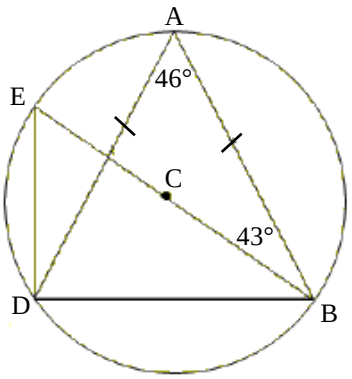


(3)

2. The diagram shows a circle with diameter BE and centre C.

Triangle ABD is isosceles and angle DAB is 46°.

Calculate the size of angle DEC if angle CBA is 43°.

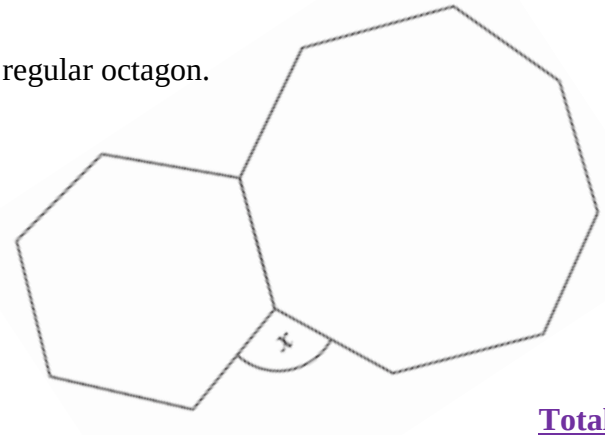


(3)

3. The diagram shows a regular hexagon & a regular octagon.

Calculate the size of the angle marked x.

You must show all working.



(4)

Total Marks: 10