Circle Theorems: Triangles in Circles

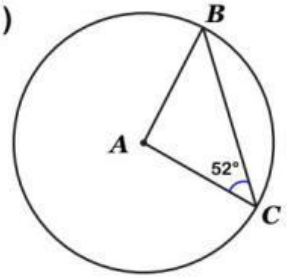
cazoom!

Section A *Using radii*

DIAGRAMS NOT TO SCALE

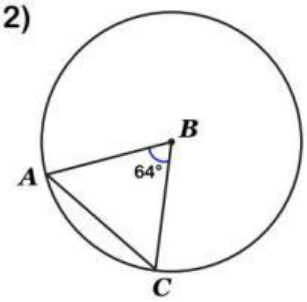
Calculate the size of the missing angles.

1)



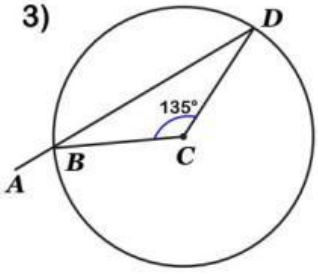
BAC =

2)



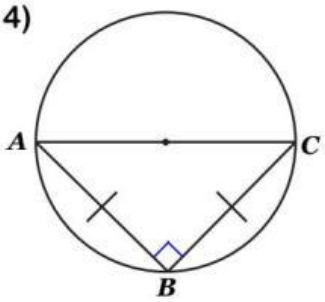
BAC =

3)



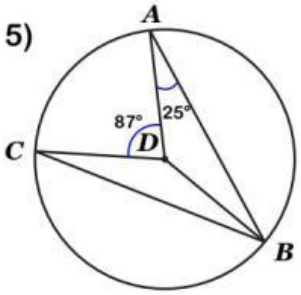
ABC =

4)



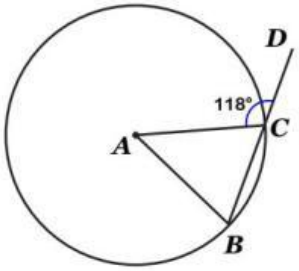
CAB =

5)



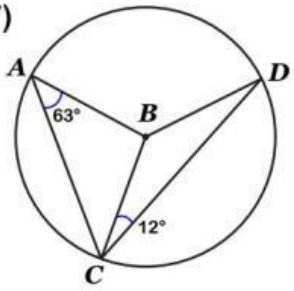
BCD =

6)



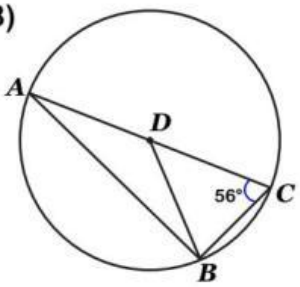
CAB =

7)



The obtuse angle **ABD =**

8)

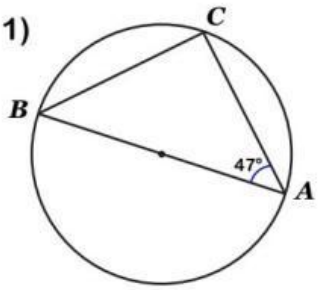


DAB =

Section B *Using the diameter*

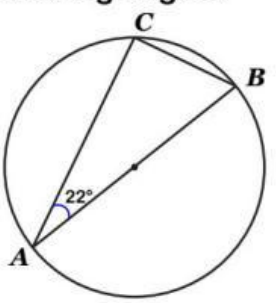
Calculate the size of the missing angles.

1)



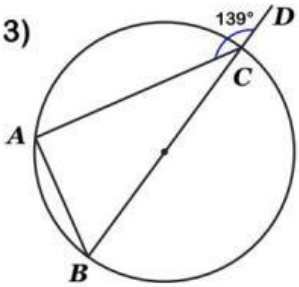
CBA =

2)



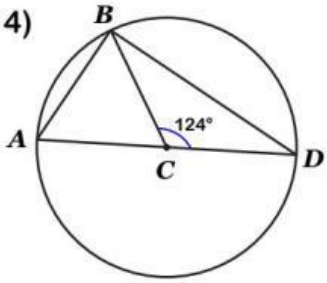
CBA =

3)



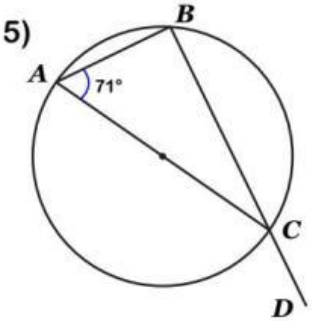
CBA =

4)



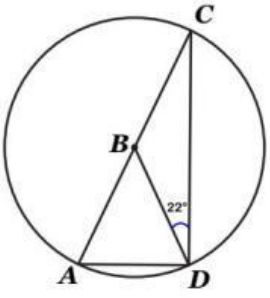
ABC =

5)



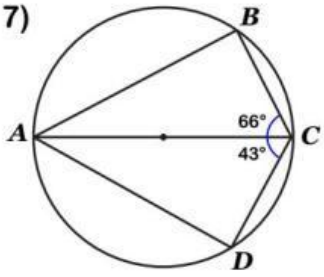
ACD =

6)



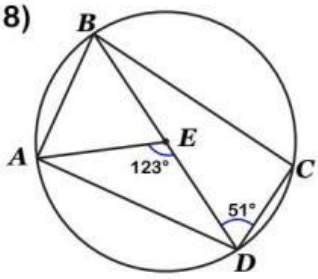
BAD =

7)



BAC = **CAD =**

8)



BAE = **DBC =**