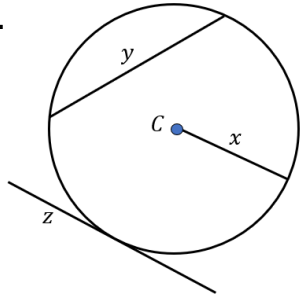


Circle Theorems Revision

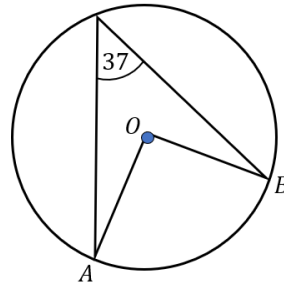
(a)

Write down the names of lines x , y and z .



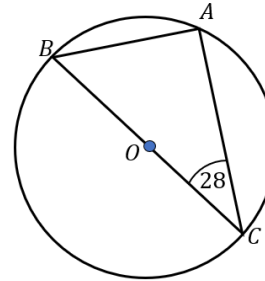
(b)

Find the size of angle AOB.



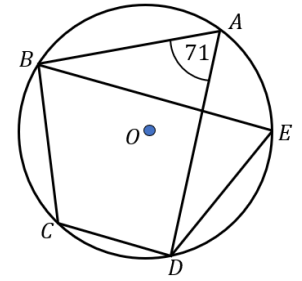
(c)

Find the size of angle ABC.



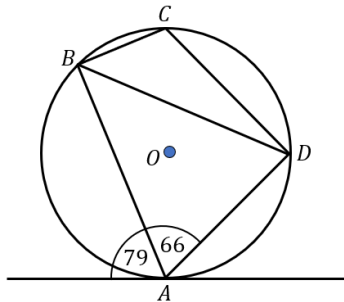
(d)

Find the size of angles BED and BCD.



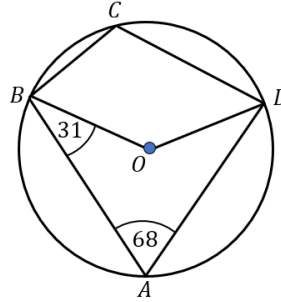
(e)

Find the size of angles ADB and BCD.



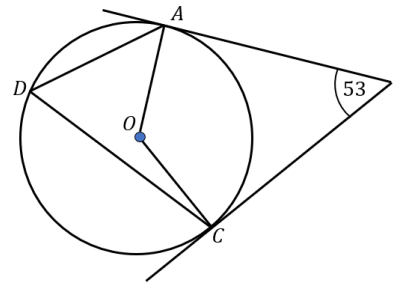
(f)

Find the size of angles BOD and ADO.



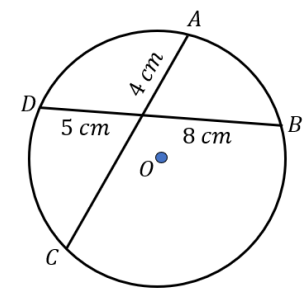
(g)

AB and BC are tangents. Find the size of angle ADC.



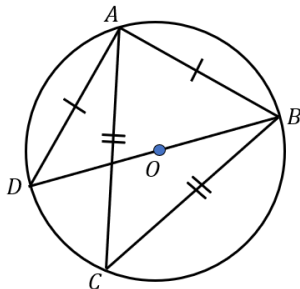
(h)

Find the length of AC.



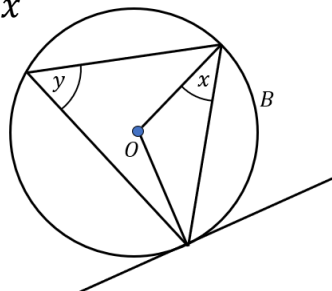
(i)

Find the size of angle BAC.



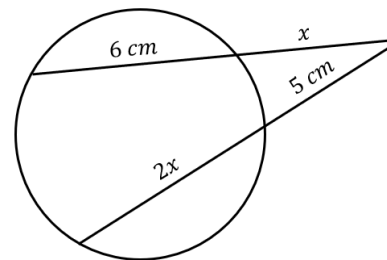
(j)

Find an expression for y in terms of x .



(k)

Find the value of x , giving your answer as a simplified surd.



(l)

Find the value of x .

