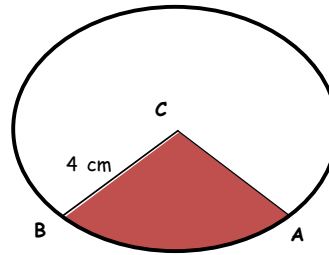


Intermediate 2 Revision for Angles & Circles

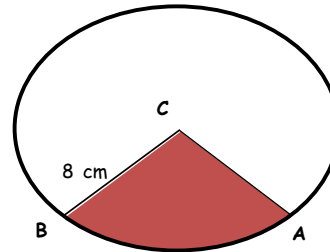
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Q1. Find the area of the minor sector.



(b) Find the area of the major sector.

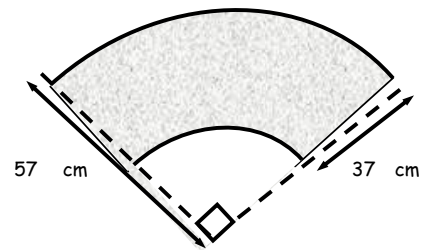
Q2. Find the length of the minor arc.



(b) Find the arc length of the major arc.

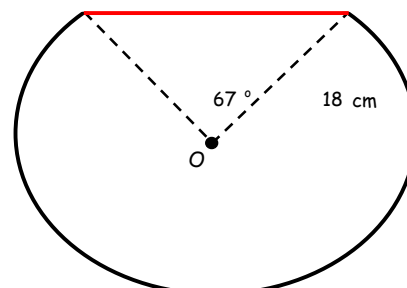
Q3. The shaded area is the area covered by a wipers blade.

(a) Find the area covered by the blade.



(b) Find the length of the top arc.

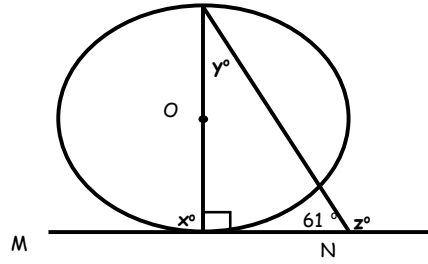
Q4. A table is in the shape of a circle with the top cut off.
Find the length of the top of the table marked red.



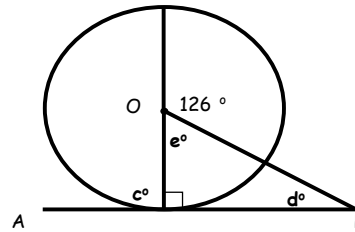
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Q5. MN is a tangent to the circle. Find angles x° , y° and z° .

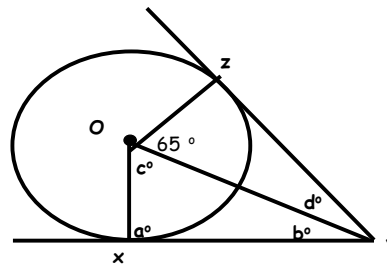


Q6. AB is a tangent to the circle. Find the angles c° , d° and e° .

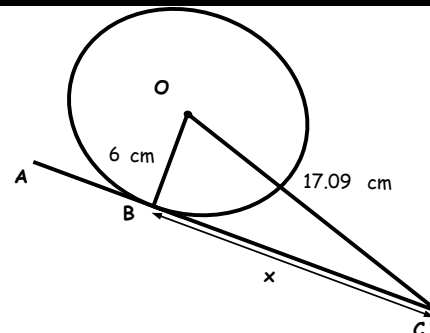


Q7. XY and YZ are tangents to the circle.

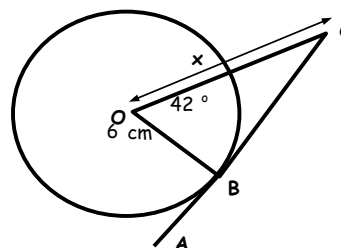
Find the angles a° , b° , c° and d° .



Q8. AC is a tangent to the circle at B. Find the length of x.



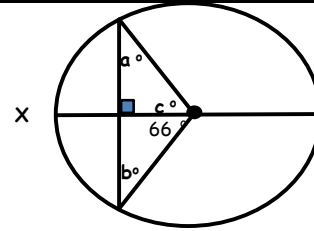
Q9. AC is a tangent to the circle at B. Find the length of x.



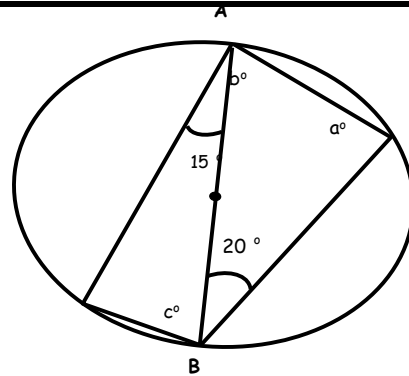
Intermediate 2 Revision for Angles & Circles

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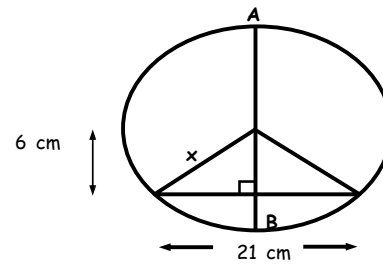
Q10. XY is a diameter of the circle. Find angles a° , b° and c° .



Q11. XY is a diameter of the circle. Find the angles a° , b° and c° .



Q12. AB is a diameter of the circle. Find the length of x.



Q13. AB is a diameter of the circle. Find the length x.

