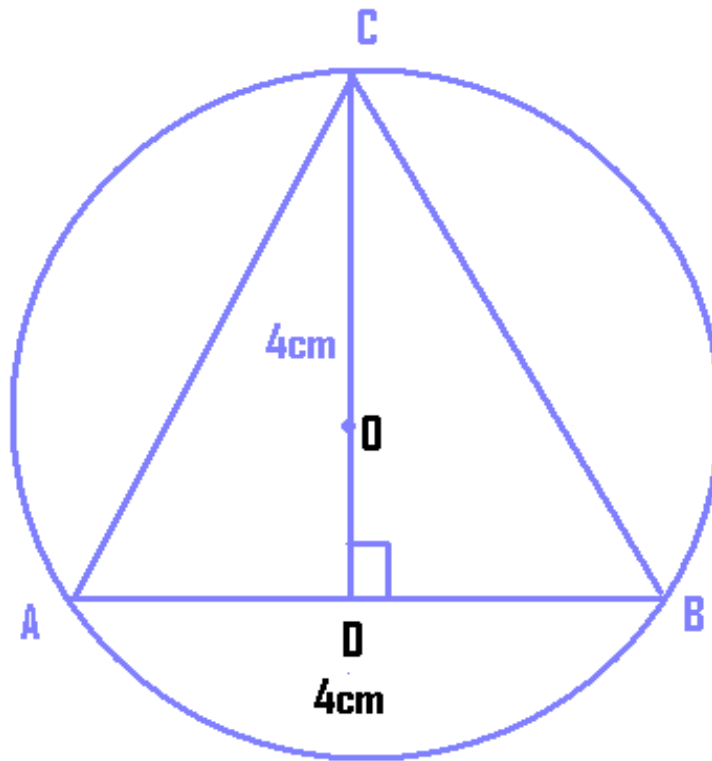




CD is the median of the triangle ABC

Hence $OC : OD = 2:1$

Therefore $OC = 4 \times \frac{2}{3} = 2.66 \text{ cm}$

Hence Radius of the circle = 2.66cm

Perimeter = $\pi \times d = 3.141 \times 5.32 = 16.71012 \text{ cm}$