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Cool! I'am really happy

#Markus Jensen



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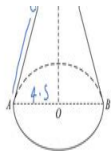


My friends are so mad that they do not know how I have all the high quality ebook which they do not!

#Diego Butler



so many fake sites. this is the first one which worked! Many thanks



The diagram shows a solid cone.
The base of the cone is a horizontal circle, centre O , with radius 4.5 cm.
 AB is a diameter of the base and OF is the vertical height of the cone.

The curved surface area of the cone is 130 cm².

Calculate the size of the angle AOB .

Give your answer correct to 1 decimal place.

$$\begin{aligned} \text{CSA} &= \pi r l = 130 \quad \therefore 130 = \pi \times 4.5 \times l \\ \therefore l &= \frac{130}{4.5\pi} \approx 9.1 \end{aligned}$$

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