

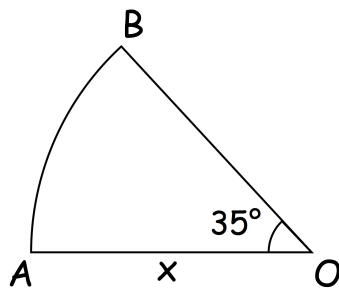


Write as a single power of 4.

$$\frac{4^5 \times 4^7}{4^3}$$

Solve

$$3x^2 - 16x + 16 = 0$$

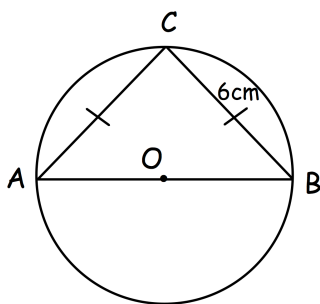


The area of sector OAB is  $60\text{cm}^2$

Find x.

Expand and simplify

$$\sqrt{2}(\sqrt{8} + \sqrt{50})$$



Shown is a circle with diameter AB.  
Chord BC has a length of 6cm.

Find the area of the circle.