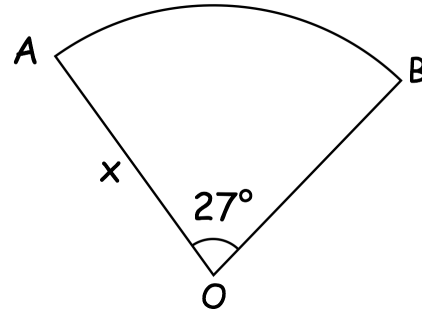


Find the diameter AB.

The area of sector OAB is 34cm^2
Find x

Factorise fully $24y^2 - 6$ Make w the subject of

$$w - 4 = \frac{3w - 5}{t}$$

Solid A and Solid B are mathematically similar.

The ratio of the surface area of solid A to the surface area of solid B is 25:4

The volume of solid B is 120cm^3 .

Find the volume of solid A.