

Simplify $\sqrt{98}$

$$\sqrt{49} \times \sqrt{2}$$

$$7\sqrt{2}$$

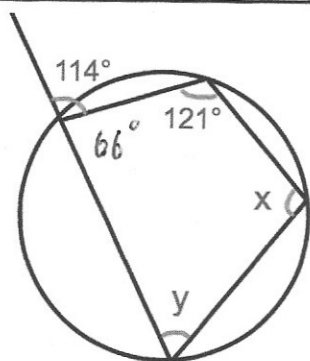
$$(x + 4)^2 \equiv x^2 + 8x + 16$$

$$(x + 4)^2$$

$$(x + 4)^2 < 10$$

$$(x + 4)^2 = x - 3$$

Circle the identity

Find x and y

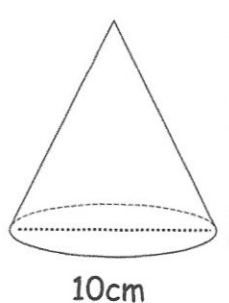
$$x = 180 - 66 = 114^\circ$$

$$y = 180 - 121 = 59^\circ$$

A cube has the same volume as the cone.
Calculate the side length of the cube.

$$s^3 = 100\pi$$

$$s = 6.798 \text{ cm}$$



$$V = \frac{1}{3} \times 5^2 \times \pi \times 12$$

$$= 100\pi \text{ cm}^3$$

Work out $10000^{\frac{3}{4}}$

$$\sqrt[4]{10000} = 10$$

$$10^3 = 1000$$