

**30th January**

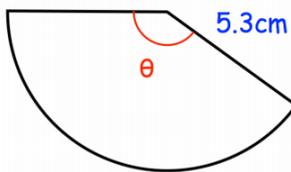
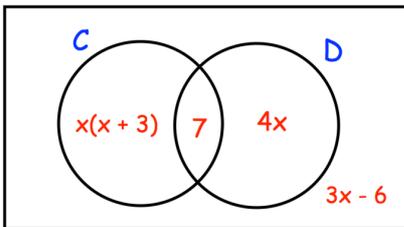
Corbettmaths

Make  $y$  the subject of the formula

$$c = w - 4ay^3$$

Calculate  $\theta$ 

$$\text{Perimeter} = 22.81\text{cm}$$

 $\xi$ 

$$\xi = 40 \text{ students}$$

C = students who own a cat

D = students who own a dog

A student is chosen at random.

They own a dog.

Work out the probability that they own a cat

State the coordinates of the vertex of the curve  $y = x^2 + 10x + 21$