

12. In parts (i) and (ii), you should give your answer to 3 significant figures.



not to scale

A watering pipe has an internal circumference of 1.57 centimetres.

(i) Calculate

(a) the internal radius of the pipe

Answer: ..... cm (3)

(b) the area of the internal cross section of the pipe

Answer: .....  $\text{cm}^2$  (2)

(c) the volume of water in a 50 centimetre length of pipe.

Answer: .....  $\text{cm}^3$  (1)