

DO NOT WRITE IN THIS AREA

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3 Here are four numbers written in order of size.

$w$       7       $x$       24

The range of the four numbers is 18

The median of the four numbers is 10

Find the value of  $w$  and the value of  $x$ .

$w =$  .....

$x =$  .....

(Total for Question 3 is 2 marks)

4

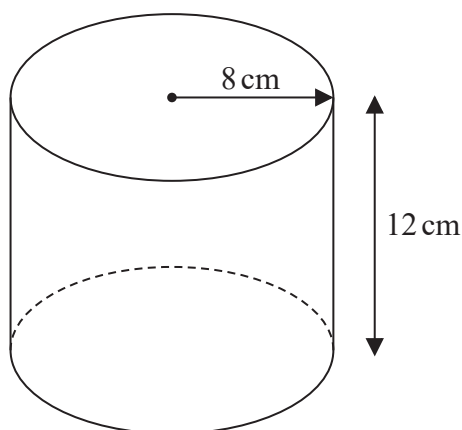


Diagram **NOT** accurately drawn

The diagram shows a right circular cylinder of radius 8 cm and height 12 cm.

Calculate the volume, in  $\text{cm}^3$  to the nearest  $\text{cm}^3$ , of the cylinder.

.....  $\text{cm}^3$

(Total for Question 4 is 2 marks)

