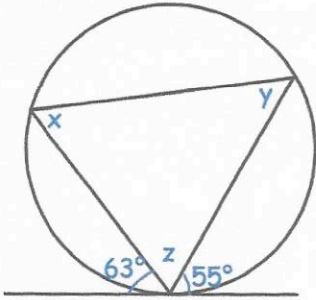


15th February



Corbettmaths

Find  $x$ ,  $y$  and  $z$ .

$$x = 55^\circ$$

$$y = 63^\circ$$

$$z = 62^\circ$$

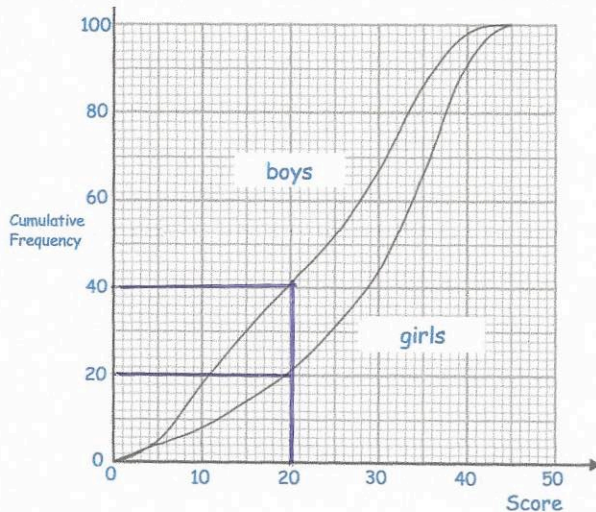
Make  $y$  the subject of:

$$ay + c = 5c - my$$

$$ay + my = 4c$$

$$y(a+m) = 4c$$

$$y = \frac{4c}{a+m}$$

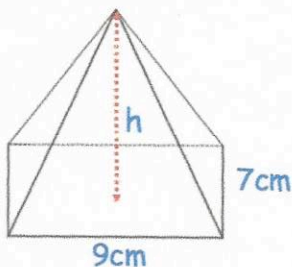


Estimate how many boys scored over 20 marks?

60

Estimate how many girls scored over 20 marks?

80

Shown is a pyramid with volume  $126\text{cm}^3$   
Work out the vertical height.

$$V = \frac{1}{3}Ah$$

$$126 = \frac{1}{3}(63)h$$

$$126 = 21h$$

$$h = 6\text{cm}$$