



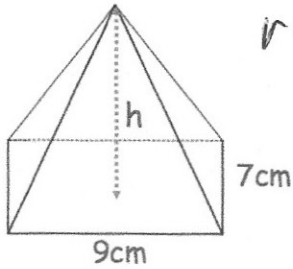
Make y the subject of:

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

$$ay + my = 4c$$

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

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



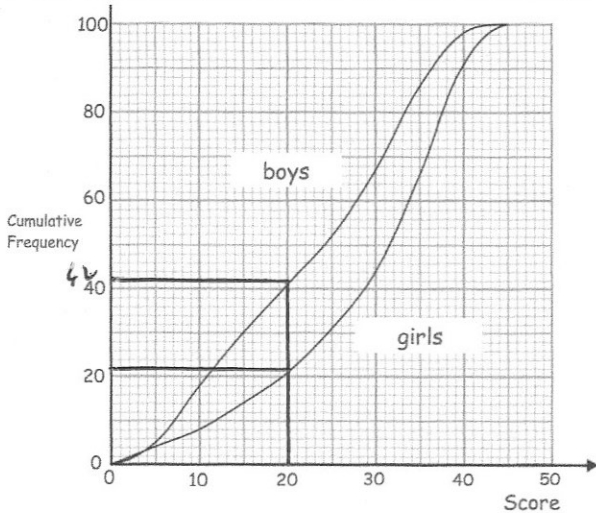
$$V = \frac{1}{3} Ah^2$$

Shown is a pyramid with volume 126cm^3 . Work out the vertical height.

$$126 = \frac{1}{3} \times 63 \times h$$

$$126 = 21h$$

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

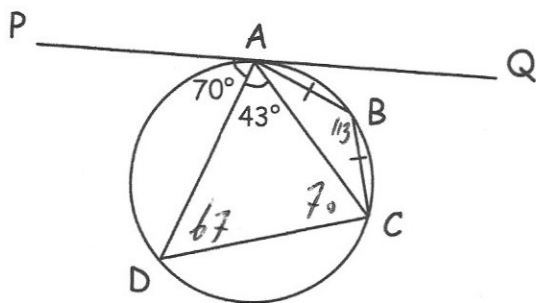


Estimate how many boys scored over 20 marks?

$$100 - 42 = 58$$

Estimate how many girls scored over 20 marks?

$$100 - 22 = 78$$



PQ is a tangent to the circle at A.

$\angle PAD$ is 70° $\angle CAD$ is 43°

$AB = AC$

$$180 - 67 = 113$$

Find angle ACB

$$180 - 113 = 67$$

$$67 \div 2 = \boxed{33.5^\circ}$$