

9th August



Corbettmaths

Calculate the distance between the coordinates (0, 3) and (3, 10).

Give your answer correct to 1 decimal place.

Matthew is playing darts.
The probability he hits a bullseye is 0.4

Matthew throws two darts.

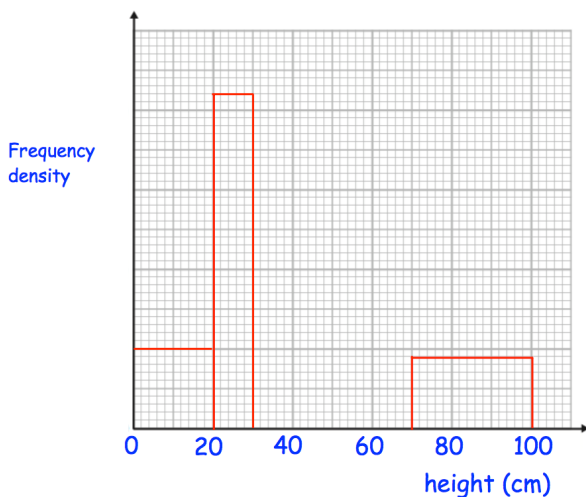
Find the probability Matthew hits the bullseye with both darts

Two containers are mathematically similar.

The height of container A is 5cm.
The height of container B is 10cm

The volume of B is 240cm^3

What is the volume of A?



(a) Complete the table

Height (h cm)	Frequency
$0 < h \leq 20$	800
$20 < h \leq 30$	
$30 < h \leq 40$	1200
$40 < h \leq 70$	1800
$70 < h \leq 100$	

(b) Use the table to complete the histogram.