

17th July



Corbettmaths

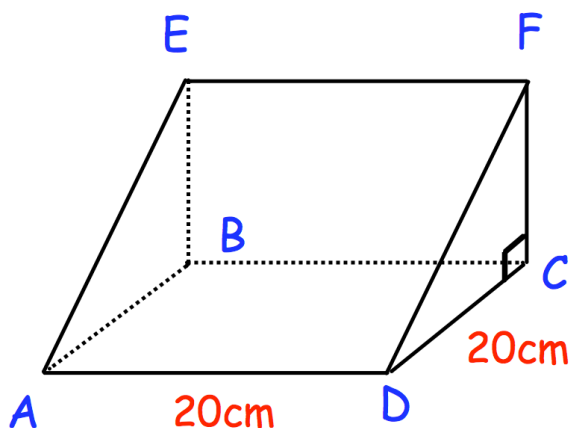
Find the nth term for the sequence

0 6 16 30 48

Height (x cm)	Frequency
$0 < x \leq 10$	3
$10 < x \leq 20$	7
$20 < x \leq 30$	12
$30 < x \leq 40$	31
$40 < x \leq 50$	27

Work out the interquartile range

The table shows the heights of some plants in a greenhouse



Calculate the distance AM

Angle CDF = 40°

M is a point on EF such that
EM : MF = 3 : 2

Calculate the size of the angle
between AM and the base of the
prism.