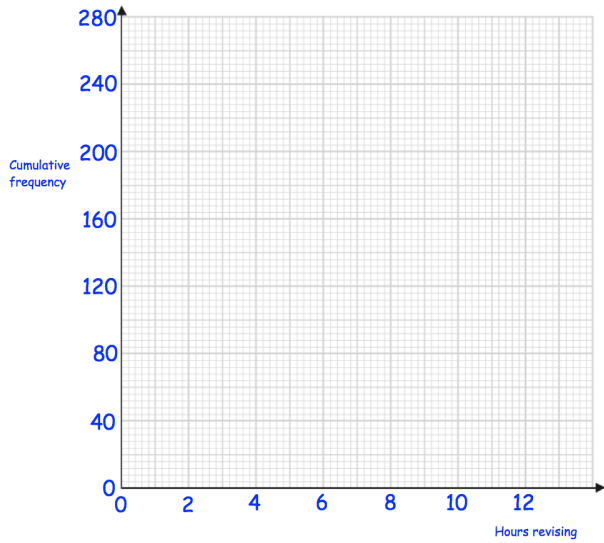


9th July

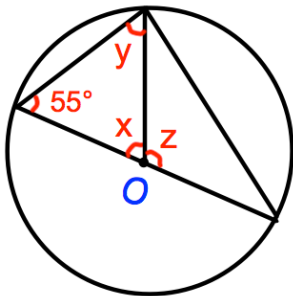


Corbettmaths

Number of hours (h)	Frequency
$0 < h \leq 2$	20
$2 < h \leq 4$	32
$4 < h \leq 6$	48
$6 < h \leq 8$	120
$8 < h \leq 10$	24
$10 < h \leq 12$	16



Draw a cumulative frequency diagram.



Find x, y and z

M is directly proportional to the square of A.

When $M = 200$, $A = 2$.

Find M when $A = 4$.

Simplify

$$\frac{a^{1/5} \times a^{2/3}}{a^{3/5}}$$