



$$x : y = 2 : 5$$

Write down a formula for x in terms of y

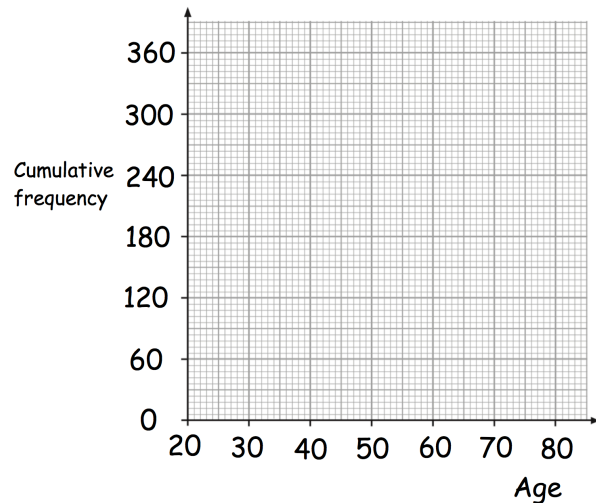
Write as a single fraction.

$$\frac{x}{x-1} + \frac{4x}{x+5}$$

Age, x years	Cumulative frequency
$20 < x \leq 30$	30
$30 < x \leq 40$	124
$40 < x \leq 50$	252
$50 < x \leq 60$	300
$60 < x \leq 70$	342
$70 < x \leq 80$	360

Draw a cumulative frequency graph

Use the graph to find an estimate of the interquartile range.



Work out $81^{\frac{3}{2}}$