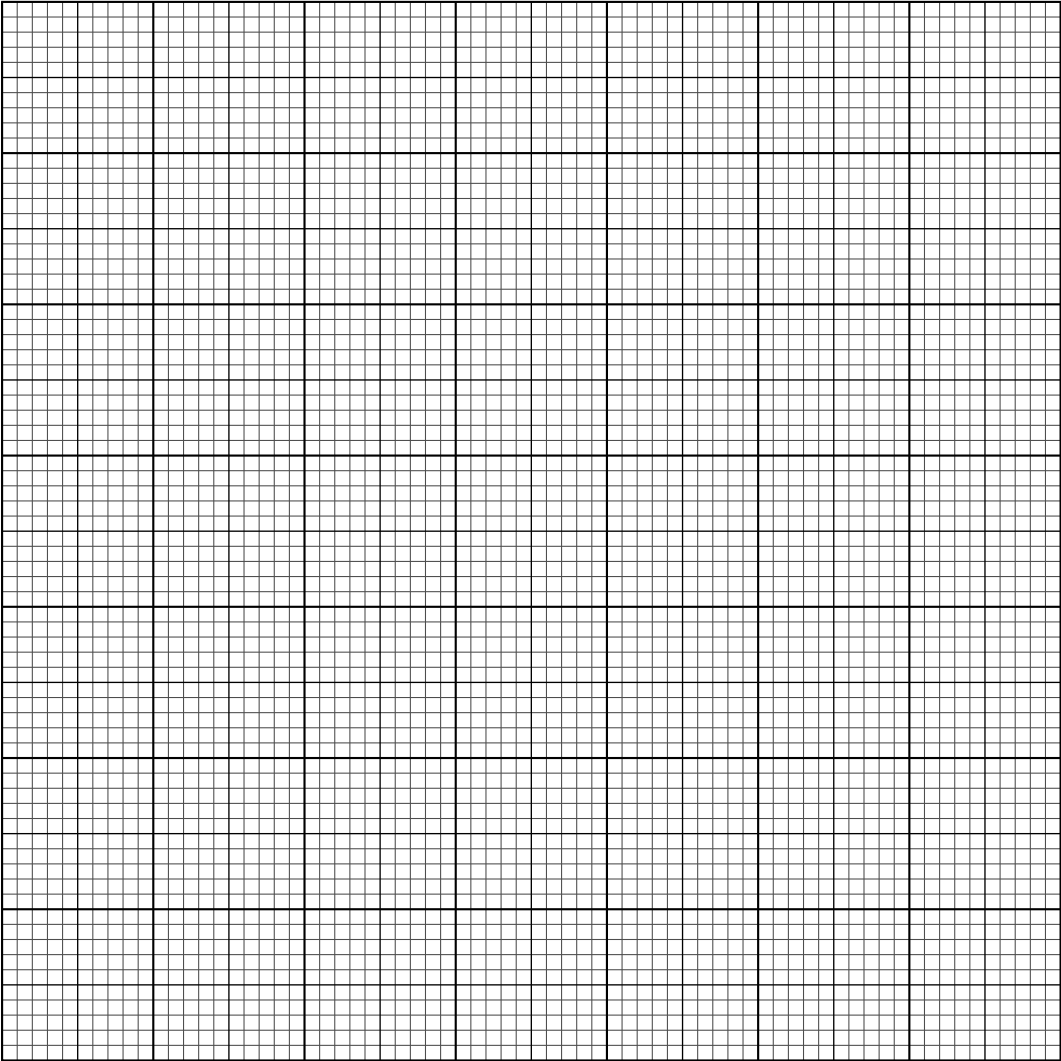


- 4 The weights,  $x$  kg, of 120 students in a sports college are recorded. The results are summarised in the following table.

Weight ( $x$ kg)	$x \leq 40$	$x \leq 60$	$x \leq 65$	$x \leq 70$	$x \leq 85$	$x \leq 100$
Cumulative frequency	0	14	38	60	106	120

- (a) Draw a cumulative frequency graph to represent this information. [2]



- (b) It is found that 35% of the students weigh more than  $W$  kg.

Use your graph to estimate the value of  $W$ . [2]

.....

.....

.....

.....

