

# **$m4 = 37$ days to go!**

2 Expand and simplify

$$4(2x - 3) - 2(x - 5)$$

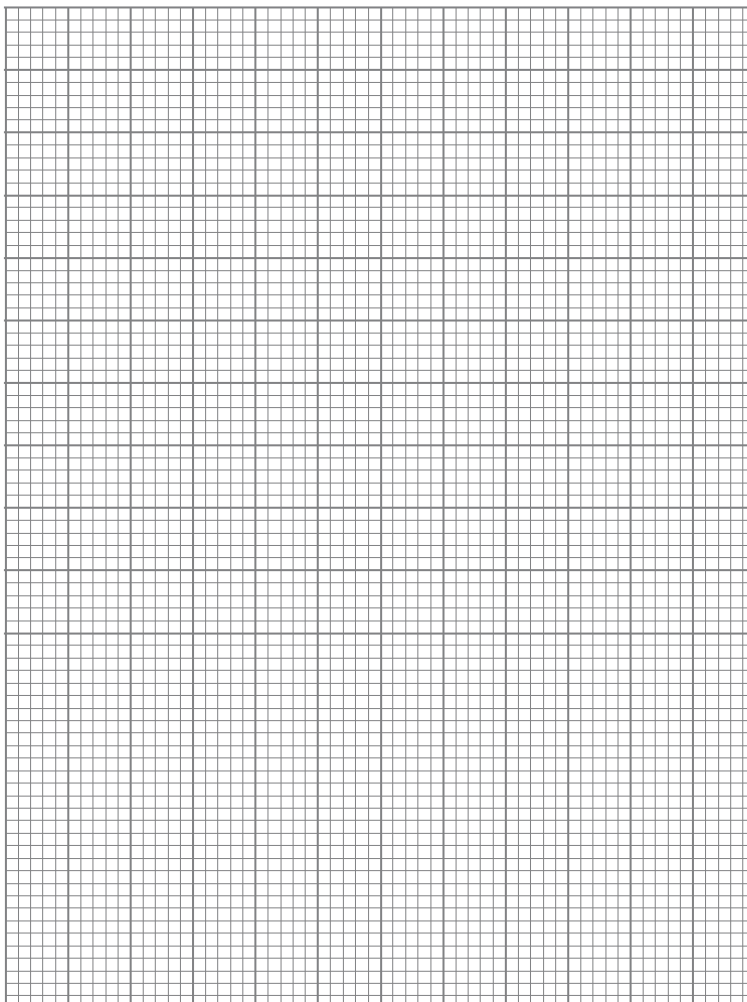
Answer \_\_\_\_\_ [2]

13 160 pupils in Year 8 sat a Science examination at the end of the year.

Their results are given in the cumulative frequency table below.

Examination Mark, $x$	Cumulative Frequency
$x \leq 20$	8
$x \leq 30$	18
$x \leq 40$	28
$x \leq 50$	51
$x \leq 60$	96
$x \leq 70$	128
$x \leq 80$	150
$x \leq 90$	160

(a) On the graph paper below draw a cumulative frequency graph for the data given.



[3]

(b) The pass mark for this examination was 55

Use your graph to estimate the number of pupils who passed the examination.

Answer \_\_\_\_\_ [2]