15   Here is some information about the test marks of 120 students.

Mark, m	$0 < m \leqslant 10$	$10 < m \leqslant 20$	$20 < m \leqslant 30$	$30 < m \leqslant 40$	$40 < m \leqslant 50$
Frequency	20	28	40	20	12

15 (a)   Complete the cumulative frequency table.

[1 mark]

Mark, m	$m \leqslant 10$	$m \leqslant 20$	$m \leqslant 30$	$m \leqslant 40$	$m \leqslant 50$
Cumulative frequency	20	48			

15 (b)   Draw a cumulative frequency graph.

[2 marks]
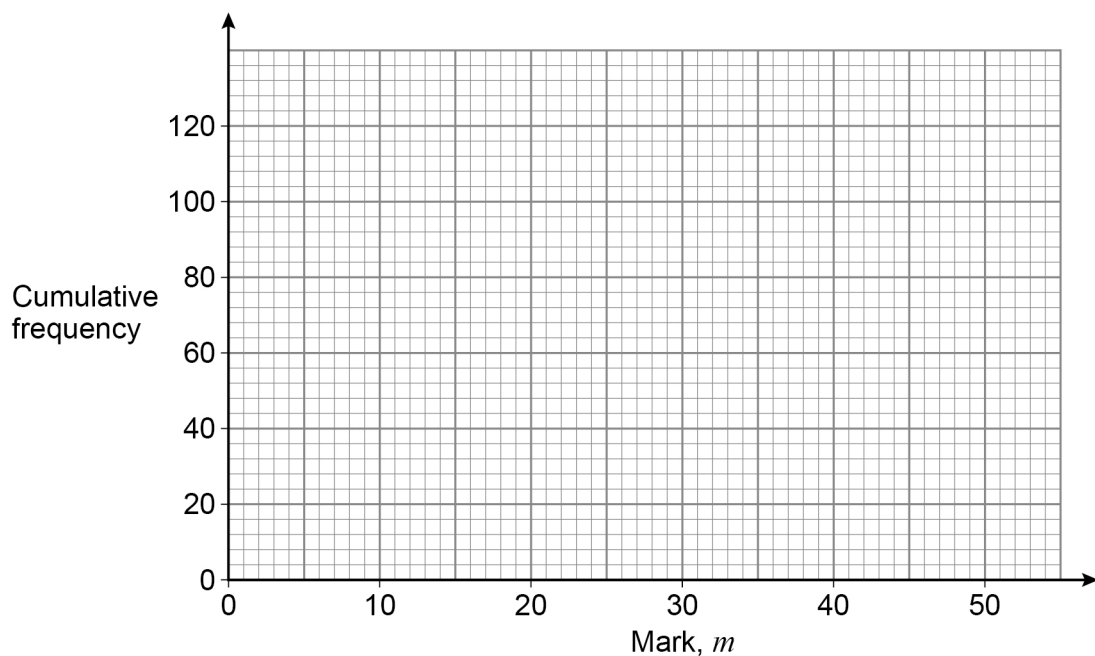
15 (c) Students who scored 15 marks or fewer take another test.

Use your graph to estimate how many students take another test.

[2 marks]

Answer _____

16 Simplify fully $\dfrac{4x - 8x^2}{12x - 6}$

[3 marks]

Answer _____

Turn over for the next question

8

Turn over ▶