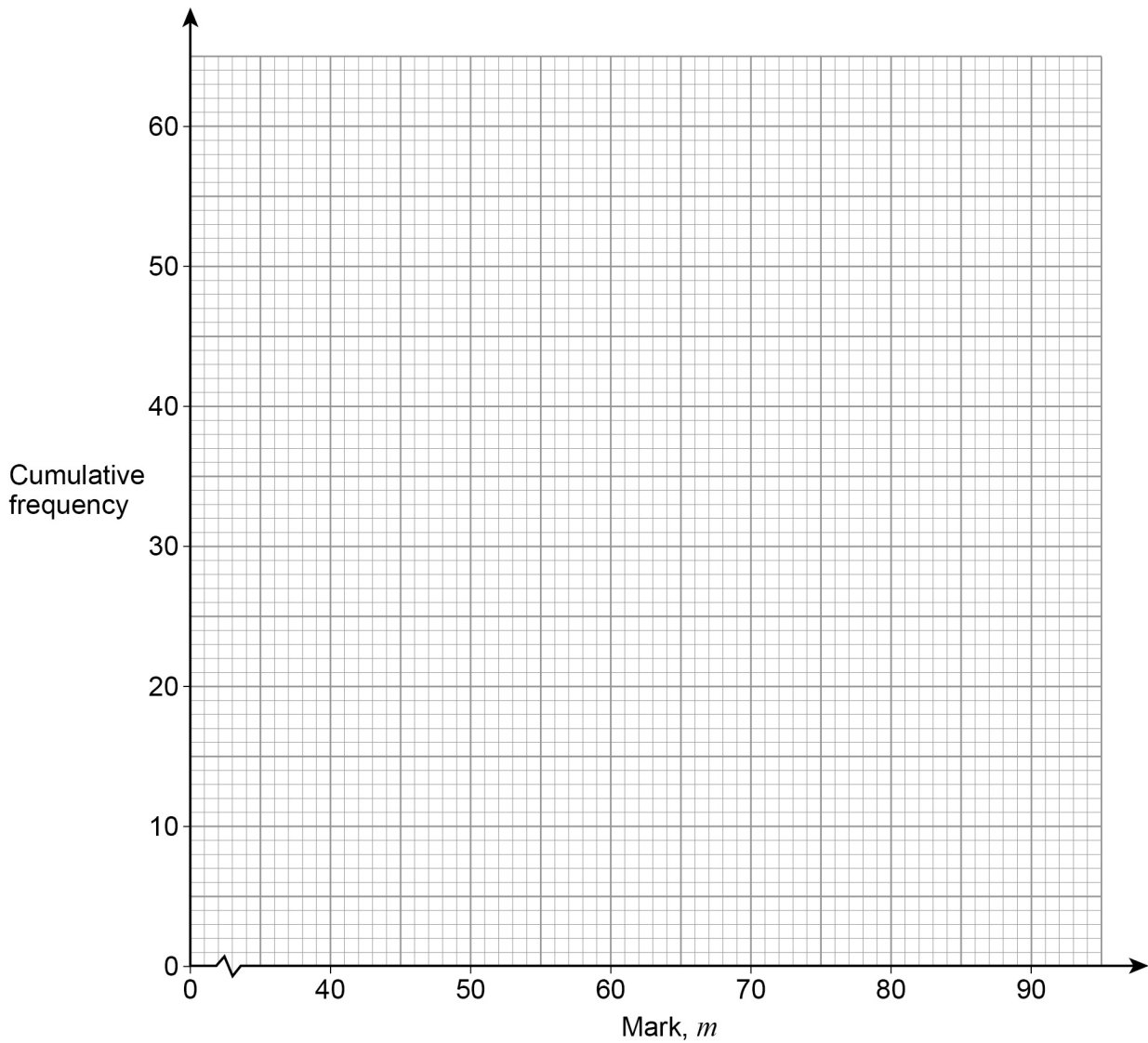


- 19** Here is some information about the marks of 60 students in a test.

Mark, m	Frequency		
$40 < m \leq 50$	9		
$50 < m \leq 60$	16		
$60 < m \leq 70$	20		
$70 < m \leq 80$	8		
$80 < m \leq 90$	7		

- 19 (a)** On the grid, draw a cumulative frequency graph.

[3 marks]



19 (b) Use your graph to estimate the lowest mark of the top 20% of students.

[2 marks]

Answer _____

20 Work out the diameter of the circle $x^2 + y^2 = 64$

Circle your answer.

[1 mark]

8 16 32 128

Turn over for the next question

Turn over ►

