

Q1. (2017)

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		

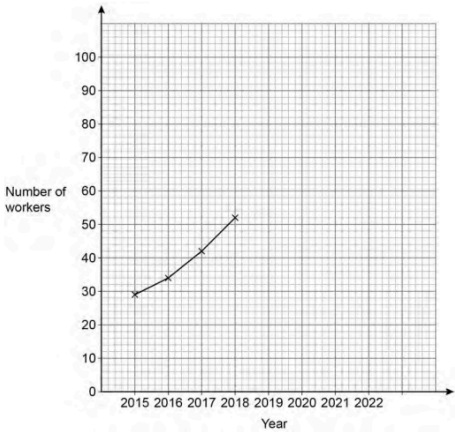
19(b)	Alternative method 1		
	$60 - 0.2 \times 60$ or 60×0.8 or 48	M1	oe implied by horizontal line from 48 on vertical axis
	Correct reading from their increasing graph	A1ft	$\pm \frac{1}{2}$ square
	Alternative method 2		
	$70 + \frac{3}{8} \times 10$	M1	
[73, 75]		A1	
Additional Guidance			
The correct answer is likely to be [73, 75] from a correct graph			

Q6a, Q6b, Q16 (2024)

6 The table shows the number of workers at a company in different years.

Year	2015	2016	2017	2018	2019	2020	2021	2022
Number of workers	29	34	42	52	62	70	76	80

A time-series graph is drawn to represent the data.
The first four points have been plotted.



(A)

Q	Answer	Mark	Comments
6a	At least 3 points correctly plotted	M1	$\pm \frac{1}{2}$ square
	All 4 points correctly plotted and joined with straight lines	A1	$\pm \frac{1}{2}$ square lines may be dashed
	Additional Guidance		
	Mark intention for straight lines		
	Condone one continuous, smooth curve		
	Ignore the graph before 2015 and after 2022		
	Ignore a line of best fit		

(B)

Q	Answer	Mark	Comments
6b	[82, 90]	B1	
	Additional Guidance		
	Answer in range with or without working, with no graph or incorrect graph	B1	