

YEAR 11 MINI-ASSESSMENT 4
HIGHER – HANDLING DATA

1. The table shows information about the pay per hour of 40 people.

Pay per hour, x (£)	Frequency		
$5 < x \leq 15$	14		
$15 < x \leq 25$	12		
$25 < x \leq 35$	11		
$35 < x \leq 45$	2		
$45 < x \leq 55$	1		
	Total = 40		

Work out an estimate for the mean pay per hour.

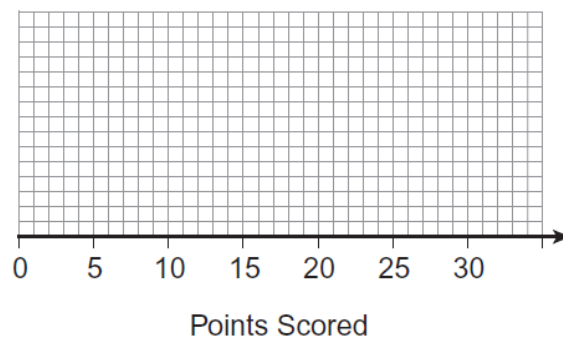
[4 marks]

2. Six whole numbers have...
a median of 10 a mode of 11 a range of 4.
Work out a possible set of six numbers.
Write the numbers in order.

[3 marks]

3. Rob played in 15 basketball matches. The smallest number of points he scored in any game was 5. The range of his points was 25. He scored at least 14 points in 75% of his matches. The median of his scores was 18 with an interquartile range of 12.

Draw a box plot to represent the data.



[4 marks]