

YEAR 11 MINI-ASSESSMENT 4
FOUNDATION – HANDLING DATA

1. Here are five numbers... 7, 11, 8, 12, 7
- (a) Write down the mode
- (b) Work out the mean.

[3 marks]

2. The table shows information about water used in a household.
The value for April is missing.

Month	Water used (m ³)
January	16.2
February	18.1
March	15.9
April	
May	17.8
June	21.0

The mean monthly water used for the six months is 18m³.
Work out the value for April.

[3 marks]

3. 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]