

m2 = 14 days to go!

- 3 27 girls did a test.
The stem and leaf diagram shows their marks.

0	1	3	4			
1	4	4	5	6		
2	0	1	3	5	7	7
3	2	4	4	6	6	6
4	4	5	8	9		
5	0	0	3	5		

key 1 | 4 means 14 marks

(a) Find

(i) the mode of the marks,

Answer _____ [1]

(ii) the median of the marks,

Answer _____ [1]

(iii) the range of the marks.

Answer _____ [1]

17 Complete the spaces **(a)**, **(b)**, **(c)** and **(d)** on the electricity bill.

Northern Electricity					
	Meter Reading				
Date	Current units	Previous units	Units used	Price per unit	Total (£)
30 June	43458	42763	(a)	15 pence	(b) £
				VAT @ 5%	(c) £
				Total Charge	(d) £

[5]

22 (a) Simplify $\frac{2^8}{2^2}$, leaving your answer in index form.

Answer _____ [1]

(b) Expand and simplify $4(x - 2) + 3(2x + 3)$

Answer _____ [2]