JustMaths PRODUCT OF PRIME FACTORS

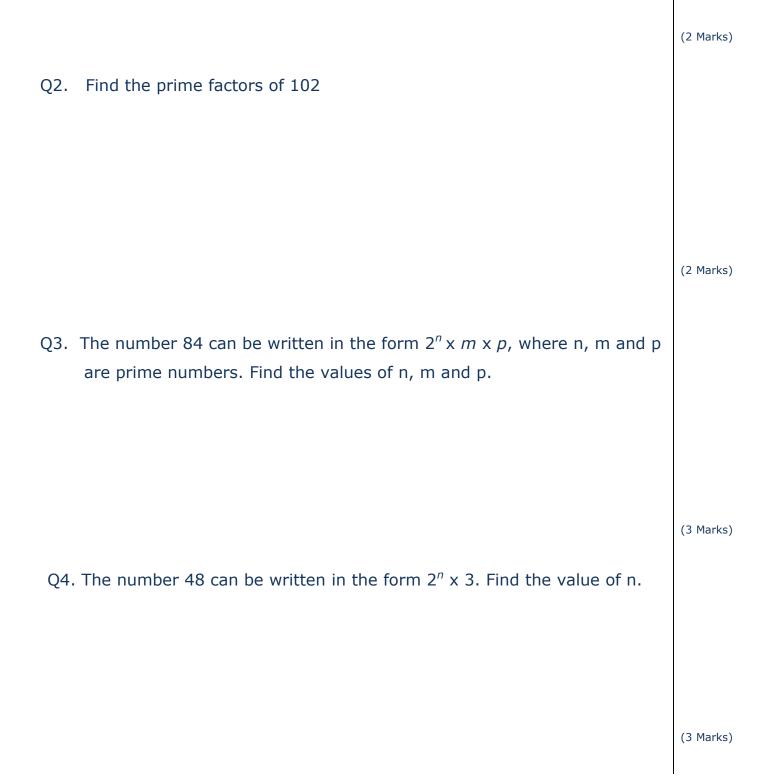
Name: _____

Total Marks: _____

Q.	Max	Actual	RAG
1	2		
2	2		
3	2 3		
4	3		
5	2		
6	2		
7	3		
8	3		
9	2		
10	2		
11	2		
12	4		



Q1. Express 72 as a product of its prime factors





Q5. Express 66 as a product of its prime factors.

Q6. Express 132^2 as a product of its prime factors

Q7. Express 792 as a product of its prime factors in index form.

Q8. $2x^2 = 72$

Find the value of x

(3 Marks)

(2 Marks)

(2 Marks)

(3 Marks)



Q9. Express 120 as a product of its prime factors.

Q10. Express 112 as a product of its prime factors in index form.

(2 Marks)

(2 Marks) Q11. Can the sum of two prime numbers be a prime number? Explain your answer. (2 Marks) Q12. a) Express 252 as a product of its prime factors. b) Express 6 x 252 as a product of its prime factors. (4 Marks)