

GCSE QUESTIONS

Q1. NON-CALCULATOR

Work out the value of 2^4

.....
(Total for question = 1 mark)

Q2. NON-CALCULATOR

(a) Write down the value of $\sqrt{64}$

.....
(1)

(b) Work out the value of 5^3

.....
(1)
(Total for question = 2 marks)

Q3. NON-CALCULATOR

Write down the value of 2^{-3}

.....
(Total for question = 3 marks)

Q4. NON-CALCULATOR

Find the value of 5^{-2}

.....
(Total for question = 4 marks)

Q5. CALCULATOR ALLOWED

Work out the value of 3^5

.....
(Total for question = 1 mark)

Q6. CALCULATOR ALLOWED

Find the value of 6^5

.....
(Total for question = 1 mark)

Q7. CALCULATOR ALLOWED

Here is a list of numbers.

4 6 9 10 15 27 30 40

From the list, write down all the numbers that are powers of 3

.....
(Total for question = 1 mark)

Q8. CALCULATOR ALLOWED

Find the value of $\sqrt{17.64}$

.....
(Total for question = 1 mark)

Q9. CALCULATOR ALLOWED

Write down a square number that is also an odd number.

.....
(Total for question = 1 mark)

Q10. CALCULATOR ALLOWED

Work out the cube root of 64

.....
(Total for question = 1 mark)

Q11. CALCULATOR ALLOWED

Find $\sqrt{1.44}$

.....
(Total for question = 1 mark)

Q12. CALCULATOR ALLOWED

Nidah writes down two different prime numbers. She adds together her two numbers. Her answer is a square number less than 30. Find two prime numbers that Nidah could have written down.

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(Total for question = 2 marks)