

GCSE QUESTIONS

Q1. NON-CALCULATOR

Write down the value of the 7 in the number 1074

.....

(Total for question = 1 mark)

Q2. NON-CALCULATOR

Here are four cards. There is a number on each card.

4

5

2

1

(a) Write down the largest 4-digit even number that can be made using each card only once.

.....

(2)

(b) Write down all the 2-digit numbers that can be made using these cards.

(2)

(Total for question is 4 marks)

Q3. NON-CALCULATOR

Here are four cards. There is a number on each card.

7

8

4

9

(a) Write down the largest 4-digit number that can be made using each card only once.

.....

(1)

(b) Write down the smallest 4-digit even number that can be made using each card only once.

.....

(1)

(Total for question = 2 marks)

Q4. CALCULATOR ALLOWED

Write the number two million in figures.

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

Q5. CALCULATOR ALLOWED

Write down the value of the 4 in the number 542.3

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

Q6. CALCULATOR ALLOWED

Write down the value of the 3 in the number 4376

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

Q7. CALCULATOR ALLOWED

Write down the value of the 3 in the number 4302

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

Q8. CALCULATOR ALLOWED

Write down the value of the 3 in 16.35

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

Q9. CALCULATOR ALLOWED

Write down a 6 digit number that has 4 as its thousands digit.
You can only use the digit 4 once.

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

Q10. CALCULATOR ALLOWED

Jayne writes down the following:

$$3.4 \times 5.3 = 180.2$$

Without doing the exact calculation, explain why Jayne's answer cannot be correct.

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

Q11. CALCULATOR ALLOWED

The table shows the lengths of five rivers.

River	Length (km)
Trent	297
Don	112
Severn	354
Thames	346
Mersey	113

(a) Write down the rivers in order of length.

Start with the shortest river.

.....

(1)

Ami says,

"The River Thames is more than three times as long as the River Don."

(b) Show that Ami is correct.

.....

(1)

(Total for question = 2 marks)

Q12. CALCULATOR ALLOWED

Here are five digits

0 1 3 5 6

Use each digit once to complete this calculation.

$$\begin{array}{|c|} \hline \square \\ \hline \square \\ \hline \end{array} \begin{array}{|c|} \hline \square \\ \hline \square \\ \hline \end{array} \times 2 = \begin{array}{|c|} \hline \square \\ \hline \square \\ \hline \end{array} \begin{array}{|c|} \hline \square \\ \hline \square \\ \hline \end{array} \begin{array}{|c|} \hline \square \\ \hline \square \\ \hline \end{array}$$

(Total for question = 2 marks)

Q13. CALCULATOR ALLOWED

Here are four digits.

5 6 1 9

(i) Write down the smallest possible two digit number that can be made with two of the digits.

.....
(1)

(ii) Write down the three digit number closest to 200 that can be made with three of the digits.

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

Q14. CALCULATOR ALLOWED

Here are four digits.

7 3 4 9

(a) Use three of these digits to write down the largest possible 3-digit number.

.....
(1)

(b) Here are four different digits.

8 2 1 6

Put one of these digits in each box to give the smallest possible answer to the sum.
You must use each digit only once.

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