

## Questions

**Q1.**

(a) Work out  $17.2 + 25.8$

.....  
(1)

(b) Work out  $\frac{1}{4} \times 60$

.....  
(1)

(c) Write down the value of the 3 in 18.35

.....  
(1)

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

**(Q01 5MB2F/01, June 2015)**

**Q2.**

Here are two fractions.

$$\frac{7}{5} \qquad \frac{5}{7}$$

Work out which of the fractions is closer to 1  
You must show all your working.

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

**(Q14 1MA1/1F, Nov 2017)**

**Q3.**

Write the following numbers in order of size.  
Start with the smallest number.

1.02    0.12    1.20    0.21

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

**(Q03 1MA1/2F, Nov 2021)**

**Q4.**

Write down an example to show that each of the following two statements is **not** correct.

(a) The factors of an even number are always even.

.....  
(1)

(b) All the digits in odd numbers are odd.

.....  
(1)

**(Total for question = 2 marks)**

**(Q11 1MA1/1F, June 2018)**

**Q5.**

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)**

**(Q08 1MA1/3F/S1, Specimen papers )**

**Q6.**

Write the following numbers in order of size.  
Start with the smallest number.

0.61      0.1      0.16      0.106

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

**(Q01 1MA1/1F/N, Specimen papers )**

**Q7.**

Write the following numbers in order of size.  
Start with the smallest number.

3.25      3.2      3.05      3.205

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

**(Q02 1MA1/3F/M1, Specimen papers )**

**Q8.**

Write these numbers in order of size.  
Start with the smallest number.

$0.2\dot{4}\dot{6}$

$0.24\dot{6}$

$0.\dot{2}4\dot{6}$

$0.246$

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**(Total for question = 2 marks)**

**(Q08 1MA1/1H, Nov 2017)**

**Q9.**

(a) Write these numbers in order of size.  
Start with the smallest number.

3007      4435      399      4011      3333

.....  
(1)

(b) Write these numbers in order of size.  
Start with the smallest number.

3.7      5.62      0.7      14.3

.....  
(1)

(c) Write  $\frac{9}{10}$  as a decimal.

.....  
(1)

(d) Write  $\frac{11}{8}$  as a mixed number.

.....  
(1)

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

**(Q01 5MB2F/01, Nov 2014)**

**Q10.**

(a) Write these numbers in order of size.

Start with the smallest number.

3517

7135

5713

1357

.....

(1)

(b) Write these numbers in order of size.

Start with the smallest number.

0.354

0.4

0.35

0.345

.....

(1)

**(Total for Question is 2 marks)**

**(Q02 5MB2F/01, Nov 2012)**

**Q11.**

(a) Write the following numbers in order of size.

Start with the smallest number.

-5    0    -7    4    -10

.....  
(1)

(b) Write the following numbers in order of size.

Start with the smallest number.

0.52    0.2    0.25    0.205

.....  
(1)

**(Total for question = 2 marks)**

**(Q01 1MA1/1F/M2, Specimen papers )**

**Q12.**

(a) Write these numbers in order of size.

Start with the smallest number.

52    102    25    120    55

..... (1)

(b) Write these numbers in order of size.

Start with the smallest number.

6    -2    0    -5    3

..... (1)

(c) Write these numbers in order of size.

Start with the smallest number.

0.63    0.633    0.603    0.6    0.06

..... (1)

**(Total for Question is 3 marks)**

**(Q01 1MA0/1F, June 2014)**

**Q13.**

- (a) Write these numbers in order of size.  
Start with the smallest number.

358

835

709

98

145

.....

(1)

- (b) Write these numbers in order of size.  
Start with the smallest number.

4

-5

7

-1

-8

.....

(1)

- (c) Write these numbers in order of size.  
Start with the smallest number.

$\frac{1}{4}$

0.2

40%

$\frac{3}{4}$

0.5

.....

(2)

**(Total for Question is 4 marks)**

**(Q03 1MA0/1F, Mar 2013)**

**Q14.**

Write down the value of the 4 in the number 542.3

.....

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

**(Q01 1MA1/2F, Nov 2018)**

**Q15.**

Write the number two million in figures.

.....

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

**(Q05 1MA1/2F, June 2019)**

**Q16.**

Write down the value of the 7 in the number 1074

.....

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

**(Q01 1MA1/1F, Nov 2019)**

**Q17.**

Write down the value of the 7 in the number 8765

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

(Q05 1MA1/1F, Nov 2020)

**Q18.**

Write down the value of the 6 in the number 16 007

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

(Q04 1MA1/1F, June 2022)

**Q19.**

Here is a list of numbers.

1.6   1.4   2.1   0.5   1.3

From the list, write down the smallest number.

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

(Q03 1MA1/1F, June 2023)

**Q20.**

Write the number three thousand one hundred and seven in figures.

.....

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

**(Q01 1MA1/3F, June 2023)**

**Q21.**

Write down the value of the 9 in the number 27.963

.....

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

**(Q05 1MA1/3F, Nov 2023)**

**Q22.**

Write these numbers in order of size.

Start with the smallest number.

0.21   0.2   0.03   0.1   0.16

.....

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

**(Q04 1MA1/1F, June 2024)**

**Q23.**

Write down the value of the 3 in the number 62 837

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

**(Q03 1MA1/3F, June 2024)**

**Q24.**

Write down the value of the 7 in the number 3721

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

**(Q01 1MA1/3F, Nov 2024)**

**Q25.**

Write the following numbers in order.

Start with the lowest number.

-3    4    -7    6    0

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

**(Q04 1MA1/3F, Nov 2024)**

**Q26.**

Write these numbers in order of size.  
Start with the smallest number.

0.57      0.507      0.5      0.05

.....

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

**(Q03 1MA1/2F, Nov 2024)**

**Q27.**

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



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

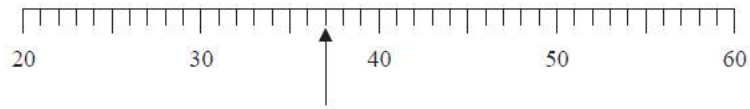
.....

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

**(Q05 1MA1/2F, Nov 2022)**

**Q28.**

(a) Write down the number marked with the arrow.



.....  
(1)

(b) Write the number **twenty three thousand and seventy nine** in figures.

.....  
(1)

(c) Write down the value of the **8** in 3876

.....  
(1)

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

**Q29.**

Write the following numbers in order of size.  
Start with the smallest number.

0.41      0.5      0.46      0.408

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

**(Q01 1MA1/3F, Nov 2022)**

**Q30.**

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)**

**(Q04 1MA1/3F/M2, Specimen papers )**

**Q31.**

Here are four digits.

6      3      5      9

(a) Write down the largest three-digit number you can make using three of these digits.  
You may only use a digit once.

.....  
(1)

Here are the four digits again.

6      3      5      9

(b) Write down the three-digit number, whose value is closest to 600, that you can make using three of these digits.  
You may only use a digit once.

.....  
(1)

**(Total for question = 2 marks)**

**(Q07 5MB2F/01, Nov 2016)**

**Q32.**

(a) Write the number 4726 in words.

.....

(1)

(b) Write the number **five million** in figures.

.....

(1)

(c) Write the number 3648 correct to the nearest hundred.

.....

(1)

(d) Write these numbers in order of size.

Start with the smallest number.

7.47    7.6    7.04    7.58    7.69

.....

(1)

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

**Q33.**

Here are four digits.

8    2    4    3

(a) (i) Use two of these digits to make the smallest possible two-digit number.

.....

(ii) Use three of these digits to make the three-digit number closest to 300

.....

(2)

Here are four different digits.

5    1    7    9

(b) (i) Put one digit in each box to make the largest total. You may only use each digit once.

		+		
--	--	---	--	--

(ii) Write down the total.

.....

(2)

**(Total for Question is 4 marks)**

**(Q05 1MA0/1F, Nov 2013)**

**Q34.**

Write down the value of the 3 in the number 4376

.....

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

**(Q01 1MA1/2F/N, Specimen papers )**

**Q35.**

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)**

**(Q06 1MA1/1F/S1, Specimen papers )**

**Q36.**

Write down the value of the 3 in 16.35

.....

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

**(Q01 1MA1/2F/S1, Specimen papers )**

**Q37.**

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)**

**(Q03 1MA1/3F, June 2017)**

**Q38.**

Write down the value of the 3 in the number 4302

.....

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

**(Q01 1MA1/2F/M2, Specimen papers )**

**Q39.**

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



(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)**

**(Q02 1MA1/1F/M1, Specimen papers )**

**Q40.**

Write down the value of the 2 in the number 12 345

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

**(Q02 1MA1/3F, Nov 2022)**

**Q41.**

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)**

**(Q04 1MA1/2F, June 2018)**

**Q42.**

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.

$$\begin{array}{|c|} \hline \phantom{0} \\ \hline \end{array} \begin{array}{|c|} \hline \phantom{0} \\ \hline \end{array} + \begin{array}{|c|} \hline \phantom{0} \\ \hline \end{array} \begin{array}{|c|} \hline \phantom{0} \\ \hline \end{array}$$

(1)

**(Total for question = 2 marks)**

**(Q05 1MA1/3F, June 2018)**

**Q43.**

(a) Write the number **six thousand and thirty seven** in figures.

.....  
(1)

(b) Write the number 8377 correct to the nearest ten.

.....  
(1)

(c) Write these numbers in order of size.

Start with the smallest number.

43      37      19      26      21

.....  
(1)

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

**(Q01 5MB2F/01, June 2016)**