Autumn 2017 Paper 2 Q2

1   Write down a multiple of 6 that is between 40 and 50

....

(Total for Question 1 is 1 mark)

Autumn 2017 Paper 2 Q7

2   Steve says,

"There are more prime numbers between 20 and 30
than there are between 10 and 20"

Is Steve right?
You must show how you get your answer.

(Total for Question 2 is 2 marks)

Autumn 2017 Paper 3 Q3

3   Write down all the factors of 18

....

(Total for Question 3 is 2 marks)

Autumn 2017 Paper 3 Q9

4   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.

.... , ...

(Total for Question 4 is 2 marks)

Summer 2017 Paper 2 Q8

5   Here is a list of numbers.

21   22   23   24   25   26   27   28   29

(a) From the numbers in the list, write down a square number.

....

(1)

(b) From the numbers in the list, write down a number that is a multiple of **both** 4 and 6

....

(1)

(c) Write down all the prime numbers in the list.

....

(1)

(Total for Question 5 is 3 marks)

6 Here are four digits.

<div align="center">5   6   1   9</div>

(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 6 is 2 marks)

7 Here is a list of numbers.

<div align="center">3   5   7   12   15   18   20</div>

From the list, write down a factor of 10

....

(Total for Question 7 is 1 mark)

Autumn 2018 Paper 1 Q10

8 Write down two prime numbers that have a sum of 32

.... , ...

(Total for Question 8 is 2 marks)

Autumn 2018 Paper 2 Q2

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

....

(Total for Question 9 is 1 mark)

Summer 2018 Paper 1 Q5

10 Write down the first even multiple of 7

....

(Total for Question 10 is 1 mark)

Summer 2018 Paper 2 Q6

11 Margaret is thinking of a number.
She says,

"My number is odd. It is a factor of 36 and a multiple of 3"

There are two possible numbers Margaret can be thinking of.

Write down these two numbers.

....

(Total for Question 11 is 3 marks)

12 (a) Write down all the prime numbers between 20 and 30

....

(2)

Catherine says,

"2 is the only even prime number."

(b) Is Catherine right?
You must give a reason for your answer.

....

....

(1)

(Total for Question 12 is 3 marks)

13 Write down all the factors of 30

....

(Total for Question 13 is 2 marks)

14 Write down two factors of 12

.... , ...

(Total for Question 14 is 1 mark)

15 Here is a list of numbers.

7   8   15   16   18   22

Write down the number from the list that is a multiple of 6

....

(Total for Question 15 is 1 mark)

16 Write down a prime number that is between 20 and 30

....

(Total for Question 16 is 1 mark)

17 Write down two factors of 15

....

(Total for Question 17 is 1 mark)

18 Write down a multiple of 8 that is between 41 and 60

....

(Total for Question 18 is 1 mark)

Summer 2020 Paper 1 Q2

19   Here is a list of numbers.

5   11   18   22   29

From the list, write down a multiple of 3

....

(Total for Question 19 is 1 mark)

Summer 2020 Paper 2 Q5

20   Here is a list of numbers.

3   4   9   18   27   30   36

From the numbers in the list, write down a cube number.

....

(Total for Question 20 is 1 mark)

Autumn 2021 Paper 2 Q6

21   Here is a list of whole numbers from 21 to 30 **21**

21   22   23   24   25   26   27   28   29   30

(a) From the list, write down a square number.

....

(1)

(b) From the list, write down a multiple of 8

....

(1)

(Total for Question 21 is 2 marks)

22 Write down two factors of 35

....

(Total for Question 22 is 1 mark)

23 Write down a factor of 60 that is between 8 and 14

....

(Total for Question 23 is 1 mark)

24 Write down the 7th odd number.

....

(Total for Question 24 is 1 mark)

25 Here is a list of numbers.

$$5 \qquad 11 \qquad 18 \qquad 22 \qquad 29$$

From the list, write down a multiple of 3

....

(Total for Question 25 is 1 mark)

26 Write down a 3 digit number that is a multiple of 5

....

(Total for Question 26 is 1 mark)

27   Write down two factors of 12

....

(Total for Question 27 is 1 mark)

28 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 28 is 2 marks)