

1 Write down a multiple of 7 that is between 20 and 30

(1 mark)

2 Write down the first even multiple of 9

(1 mark)

3 Write down a multiple of 9 that is between 30 and 50

(1 mark)

4 Write down a prime number between 25 and 35

(1 mark)

5 Write down two factors of 18

(2 marks)

6 Write down all the prime numbers between 20 and 30

(2 marks)

7 Write down two multiples of 10

(2 marks)

8 Here is a list of numbers.

15    19    25    31    35    39    40

From the numbers on the list,

- (a) write down an even number
- (b) write down a multiple of 7

(2 marks)

9 Write down two multiples of 8

(2 marks)

10 Write down all the factors of 14

(2 marks)

11 Write down all the factors of 20

(2 marks)

12 Here is a list of numbers.

30    31    32    33    34    35    36    37    38    39

From the numbers on the list,

- (a) write down a square number
- (b) write down a multiple of 8
- (c) write down all of the prime numbers on the list.

(3 marks)

13 Here is a list of numbers.

2    9    11    15    18    31    32

From the numbers on the list,

- (a) write down a factor of 8
- (b) write down a multiple of 6
- (c) write down all of the prime numbers on the list.

(3 marks)

14 Write down all of the prime numbers between between 10 and 20

**(2 marks)**

15 Write down two multiples of 20

**(2 marks)**

16 Write down all the factors of 16

**(2 marks)**

17 Ian says: "21 is a prime number"

Is Ian correct?

You must give a reason for your answer.

**(1 mark)**

18 Here is a list of numbers.

3      5      9      16      19      27      28

From the numbers on the list,

- (a) write down a factor of 12
- (b) write down a multiple of 7
- (c) write down all of the prime numbers on the list.

**(3 marks)**

19 Gary is thinking of a number.

He says,

"My number is prime and it is a factor of 36"

There are two possible numbers Gary can be thinking of.

Write down these two numbers.

**(2 marks)**

20 Write down two prime numbers that have a sum of 30

**(2 marks)**

21 Write down two prime numbers that have a sum of 19

**(2 marks)**

22 Here is a list of numbers.

8      12      15      17      23      27      32

From the numbers on the list,

- (a) write down a factor of 16
- (b) write down a multiple of 9
- (c) write down all of the prime numbers on the list.

**(3 marks)**

23 Barry is thinking of a number.

He says,

"My number is even. It is a factor of 30 and a multiple of 5"

There are two possible numbers Barry can be thinking of.

Write down these two numbers.

**(3 marks)**

24 Paul is thinking of a number.

He says,

"My number is odd. It is a factor of 18 and a multiple of 3"

There are two possible numbers Paul can be thinking of.

Write down these two numbers.

**(3 marks)**