

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)