

1 Write 124 as a product of its prime factors.

.....
(Total for Question 1 is 2 marks)

2 Write down two factors of 35

.....
(Total for Question 2 is 1 mark)

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

.....
(Total for Question 3 is 1 mark)

4 Write down two factors of 12

.....
(Total for Question 4 is 1 mark)

5 Work out the lowest common multiple (LCM) of 24 and 56

.....
(Total for Question 5 is 2 marks)

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

.....
(Total for Question 6 is 1 mark)

7 Write 500 as a product of powers of its prime factors.

.....
(Total for Question 7 is 3 marks)

8 Here is a list of numbers.

5 11 18 22 29

From the list, write down a multiple of 3

.....
(Total for Question 8 is 1 mark)

9 Write down **three** different factors of 20

..... , ,
(Total for Question 9 is 2 marks)

10 Here is a list of numbers.

20 40 60 80 100

One of these numbers is a multiple of 25

Which number?

(Total for Question 10 is 1 mark)

11 Write 60 as a product of its prime factors.

(Total for Question 11 is 2 marks)

12 A and B are numbers such that

$$A = 2^2 \times 3^4 \times 7$$

$$B = 3^2 \times 7^2$$

(a) Find the highest common factor (HCF) of A and B .

.....
(1)

(b) Find the lowest common multiple (LCM) of A and B .

.....
(2)

(Total for Question 12 is 3 marks)
