1) Fill in the blanks.
   a) The LCM of 3 and 4 is _____.
   b) The GCF of 3 and 4 is _____.

2) Encircle the LCM of 6 and 8 in the list of multiples of 6 and 8 shown below.
   Multiples of 6: 6, 12, 18, 24, 30, 36, 42, ...
   Multiples of 8: 8, 16, 24, 32, 40, 48, ...

3) Fill the missing numbers in the LCM of 18 and 27 by using the long division method.

Factors of 12:

| 1 | 2 | 3 | 4 | 6 | 12 |

Factors of 16:

| 1 | 2 | 4 | 8 | 16 |

4) Encircle the GCF of 12 and 16 in the list of factors of 12 and 16 shown below.

3	18	27
3	6	9
	2	3

5) State true or false.

    a) The GCF of two co-prime numbers is always 1.
    b) We can calculate the LCM of two or more irrational numbers.

6) Match column 1 with respective numbers of column 2.

Column 1	Column 2
a) GCF of 24 and 26	i) 120
b) LCM of 24 and 26	ii) 20
c) GCF of 40 and 60	iii) 2
d) LCM of 40 and 60	iv) 312

7) The LCM of three different numbers is 150. Which of the following cannot be the GCF of those numbers?
    a) 10   b) 50   c) 40   d) 30

8) The LCM and GCF of two numbers are 600 and 20 respectively, if one of the numbers is 120, then the other number is____.
    a) 10   b) 100   c) 200
    d) 20

9) Tick the smallest possible number that is divisible by both the numbers 17 and 13 among the following:
    a) 210   b) 212   c) 221
    d) 1

10) Which of the following statements is/are correct about the LCM and GCF of two numbers 'a' and 'b'

   a) LCM is divisible by both 'a' and 'b'
   b) GCF is divisible by both 'a' and 'b'
   c) LCM divides both 'a' and 'b'
   d) GCF divides both 'a' and 'b'

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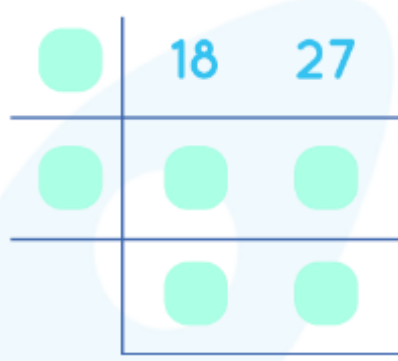
- Barbara Cabrera

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ANSWERS

1)	a) 12 b) 1
2)	24
3)	
4)	4
5)	a) True b) False
6)	a)→iii), b)→iv), c)→ii), d)→i)
7)	c) 40
8)	b) 100
9)	c) 221
10)	a), d)

FUN FACT

Greatest common factor (GCF) of two or more numbers is always less than the least common multiples (LCM) of those numbers.

The LCM of two or more irrational numbers does not exist, whereas the GCF of such numbers is always 1.

The GCF of prime numbers is always 1, whereas the LCM of prime numbers is the product of those numbers.