1. Choose the pair(s) whose greatest common factor is 15 among the following:
a.   60, 95
b.   100, 125
c.   65, 70
d.   25, 50

2.   Fill in the blanks.
       $8 = 2 \times$ __ $\times$ __
       $38 =$ __ $\times$ __
       Common factors of 8 and 38: __, __
       G.C.F. =

3.   Match the following pairs of numbers with their greatest common factors.

Number Pairs	GCF
1) 180, 270	a) 1
2) 30, 45	b) 90
3) 19, 51	c) 15

4.   Two wooden blocks are 12 units and 16 units long. The blocks are to be cut into pieces of equal length to make the vertical columns of a fence . Find the maximum length of each piece.

5.   Fill in the blanks:
a.   The HCF of two numbers is 1, they are called ____ Numbers.
b.   The HCF of the given numbers cannot be ____ than the numbers themselves.

6.   Find the greatest common factor of:

a.   80 and 50
b.   125 and 135

7.   Find the greatest common factor of the following.
a.   70 and 14
b.   120 and 150
8.   Find the LCM (least common multiple) of the following numbers
      15, 30, 4, and 20.

9.   A person wants to arrange 48 bouquets of roses in different rows. Find the number of ways he can arrange the bouquets with the same number in each row.

10.   What is the least number of seeds that can be arranged in rows of 18, 12 or 40 in each row?

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