

Determine the Greatest Common Factor (GCF) for the following problems.

Example

Ex) 12, 15 To find the GCF of 12 & 15, first write down the factors of each number.

Factors of 12 1, 2, 3, 4, 6, 12

Factors of 16 1, 2, 4, 8, 16

2 & 4 are factors both 12 and 16 have in common, with 4 being the greatest. So 4 is the GCF.

1) 9, 6

9 , ,
6 , , ,

2) 20, 15

20 , , , , ,
15 , , ,

3) 20, 28

20 , , , , ,
28 , , , , ,

4) 18, 2

18 , , , , ,
2 ,

5) 42, 12

42 , , , , , , ,
12 , , , , ,

6) 22, 16

22 , , ,
16 , , , ,

7) 20, 30

20 , , , , ,
30 , , , , , ,

8) 12, 30

12 , , , , ,
30 , , , , , ,