

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 , , , , , , ,