

**Determine the greatest common factor (GCF) of each set of numbers.****Answers**

To find the GCF of 12 & 16, first write down the factors of each number.

Factors of 12 1 , 2 , 3 , 4 , 6 , 12Factors 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) 26 , 10

Factors of 26 _____ , _____ , _____ , _____

Factors of 10 _____ , _____ , _____ , _____

2) 8 , 10

Factors of 8 _____ , _____ , _____ , _____

Factors of 10 _____ , _____ , _____ , _____

3) 15 , 9

Factors of 15 _____ , _____ , _____ , _____

Factors of 9 _____ , _____ , _____

4) 18 , 4

Factors of 18 _____ , _____ , _____ , _____ , _____ , _____

Factors of 4 _____ , _____ , _____

5) 15 , 6

Factors of 15 _____ , _____ , _____ , _____

Factors of 6 _____ , _____ , _____ , _____

6) 18 , 42

Factors of 18 _____ , _____ , _____ , _____ , _____ , _____

Factors of 42 _____ , _____ , _____ , _____ , _____ , _____ , _____ , _____

7) 30 , 45

Factors of 30 _____ , _____ , _____ , _____ , _____ , _____ , _____ , _____

Factors of 45 _____ , _____ , _____ , _____ , _____ , _____

8) 6 , 45

Factors of 6 _____ , _____ , _____ , _____

Factors of 45 _____ , _____ , _____ , _____ , _____ , _____

9) 12 , 4

Factors of 12 _____ , _____ , _____ , _____ , _____ , _____

Factors of 4 _____ , _____ , _____

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

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1) 26 , 10

Factors of 26 1 , 2 , 13 , 26Factors of 10 1 , 2 , 5 , 10

2) 8 , 10

Factors of 8 1 , 2 , 4 , 8Factors of 10 1 , 2 , 5 , 10

3) 15 , 9

Factors of 15 1 , 3 , 5 , 15Factors of 9 1 , 3 , 9

4) 18 , 4

Factors of 18 1 , 2 , 3 , 6 , 9 , 18Factors of 4 1 , 2 , 4

5) 15 , 6

Factors of 15 1 , 3 , 5 , 15Factors of 6 1 , 2 , 3 , 6

6) 18 , 42

Factors of 18 1 , 2 , 3 , 6 , 9 , 18Factors of 42 1 , 2 , 3 , 6 , 7 , 14 , 21 , 42

7) 30 , 45

Factors of 30 1 , 2 , 3 , 5 , 6 , 10 , 15 , 30Factors of 45 1 , 3 , 5 , 9 , 15 , 45

8) 6 , 45

Factors of 6 1 , 2 , 3 , 6Factors of 45 1 , 3 , 5 , 9 , 15 , 45

9) 12 , 4

Factors of 12 1 , 2 , 3 , 4 , 6 , 12Factors of 4 1 , 2 , 4**Answers**1. 22. 23. 34. 25. 36. 67. 158. 39. 4