



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

Answers

12, 16 To find the GCF of 12 & 16, 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. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____

1) 9, 30

Factors of 9 _____, _____, _____

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

2) 12, 4

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

Factors of 4 _____, _____, _____

3) 6, 9

Factors of 6 _____, _____, _____, _____

Factors of 9 _____, _____, _____

4) 18, 3

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

Factors of 3 _____, _____

5) 14, 4

Factors of 14 _____, _____, _____, _____

Factors of 4 _____, _____, _____

6) 18, 14

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

Factors of 14 _____, _____, _____, _____

7) 22, 30

Factors of 22 _____, _____, _____, _____

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

8) 18, 45

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

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

9) 16, 24

Factors of 16 _____, _____, _____, _____, _____

Factors of 24 _____, _____, _____, _____, _____, _____, _____, _____



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Answers

1) 9, 30

Factors of 9 1, 3, 9

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

2) 12, 4

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

Factors of 4 1, 2, 4

3) 6, 9

Factors of 6 1, 2, 3, 6

Factors of 9 1, 3, 9

4) 18, 3

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

Factors of 3 1, 3

5) 14, 4

Factors of 14 1, 2, 7, 14

Factors of 4 1, 2, 4

6) 18, 14

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

Factors of 14 1, 2, 7, 14

7) 22, 30

Factors of 22 1, 2, 11, 22

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

8) 18, 45

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

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

9) 16, 24

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

Factors of 24 1, 2, 3, 4, 6, 8, 12, 24

1. 3

2. 4

3. 3

4. 3

5. 2

6. 2

7. 2

8. 9

9. 8

9. 8