

Greatest Common Factors

Name: _____ Score: _____

1. Find the GCF of 15 and 25

What are the factors of 15? _____

And 25? _____

What are the common factors? _____

What is the GCF? _____

2. Find the GCF of 12 and 20

What are the factors of 12? _____

And 20? _____

What are the common factors? _____

What is the GCF? _____

3. Find the GCF of 10 and 16

What are the factors of 10? _____

And 16? _____

What are the common factors? _____

What is the GCF? _____

4. Find the GCF of 18 and 27

What are the factors of 18? _____

And 27? _____

What are the common factors? _____

What is the GCF? _____

5. Find the GCF of 14 and 21

What are the factors of 14? _____

And 21? _____

What are the common factors? _____

What is the GCF? _____

Answers

1. Find the GCF of 15 and 25

What are the factors of 15? 1,3,5,15

And 25? 1,5,25

What are the common factors? 1,5

What is the GCF? 5

2. Find the GCF of 12 and 20

What are the factors of 12? 1,2,3,4,6,12

And 20? 1,2,4,5,10,20

What are the common factors? 1,2,4

What is the GCF? 4

3. Find the GCF of 10 and 16

What are the factors of 10? 1,2,5,10

And 16? 1,2,4,8,16

What are the common factors? 1,2

What is the GCF? 2

4. Find the GCF of 18 and 27

What are the factors of 18? 1,2,3,6,9,18

And 27? 1,3,9,27

What are the common factors? 1,3,9

What is the GCF? 9

5. Find the GCF of 14 and 21

What are the factors of 14? 1,2,7,14

And 21? 1,3,7,21

What are the common factors? 1,7

What is the GCF? 7