

Name: _____

Greatest Common Factor

When you find all the factors of two or more numbers, and you find some factors are the same ("common"), the largest of those common factors is the **Greatest Common Factor (GCF)**.

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

What are the factors of 20? 1, 2, 4, 5, 10, and 20

Which are the common factors? 1, 2, and 4

What is the GCF? 4



1. Find the GCF of 8 and 12.

List the factors of 8. _____

List the factors of 12. _____

List the common factors. _____

What is the GCF? _____

2. Find the GCF of 15 and 20.

List the factors of 15. _____

List the factors of 20. _____

List the common factors. _____

What is the GCF? _____

3. Fin



Preview

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4. Fin

List the factors of 6. _____

List the factors of 18. _____

List the common factors. _____

What is the GCF? _____

ANSWER KEY

Greatest Common Factor

When you find all the factors of two or more numbers, and you find some factors are the same ("common"), the largest of those common factors is the **Greatest Common Factor (GCF)**.

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

What are the factors of 20? 1, 2, 4, 5, 10, and 20

Which are the common factors? 1, 2, and 4



Preview

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1. Fi

nd 12

2. Fi

nd 20

3. Fi

35

4. Fi

List the factors of 6. 1, 2, 3, and 6

List the factors of 18. 1, 2, 3, 6, 9, 18

List the common factors. 1, 2, 3, and 6

What is the GCF? 6

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