

How to study?

1) Take your GCF and LCM and Expressions and Equations assessments again!

The questions on your quiz will be **VERY SIMILAR** to the questions on the assessments

List of Topics for GCF and LCM:

Vocabulary you need to understand:

-multiple

-common multiples

-factor

-prime factor

-prime factorization

-composite numbers

-exponent (also known as the "power")

- x squared

- x cubed

- x to the 4th power, x to the 5th power, x to the 6th power,

Take a look at your *old worksheets about GCF and LCM*.

Synonyms:

Greatest: _____

Least: _____

Common: _____

Common: _____

약수 Factor: _____

배수 Multiple: _____

Match the **type of situation** with the **GCF or LCM**

1) The _____ will help you separate things into equal smaller groups.

2) The _____ will help you understand an event that will happen over and over again.

3) The _____ will help you figure out when something will happen again at the same time in the future.

4) The _____ makes it easy to equally divide 2 or more groups of people.

5) The _____ makes it easy to know how much to buy so that you have enough.

Read the following examples and then...

- a) Decide if we can get the answer the “**easiest**” using GCF or LCM
- b) Identify what is the G.C. and F or L.C. and M is for **each** of the problems
- c) Find an answer to the question! Good Luck ☺

1) Shannon is making **identical** balloon arrangements for a party. She has to split up 32 blue balloons, 24 red balloons, and 16 green balloons. She wants each arrangement to have the same number of each color. What is the greatest number of arrangements that she can make if every balloon is used?

GCF or LCM

___:

___:

___:

Answer:



List of Topics for Expression/Equations:

Vocabulary you need to understand:

- Variable
- Coefficient
- Expression and Equation - what's the difference???
- Operations (+, -, x, /)
- Sum (+), Product (x), Difference (-), Quotient (/)

You will need to answer questions similar to the Assessment /Worksheets!

What are the coefficients for the following **terms**?

- a) $x/2$ b) $2x + 1$ c) $3x/4$ d) $x/4 - 12$

Make sure you review the worksheet from class with these questions!!!

1. the sum of x and y _____ sum:

2. 7 more than x _____ more than:

