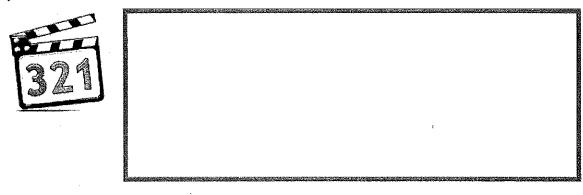
Factoring:

Factoring means to "undo" what has been multiplied and/or distributed!

Common Factors:

When two integers are multiplied together, the answer is called a product.

The integers that were multiplied together are called the factors of the product.



GCF:

The greatest common factor of two (or more) integers is the largest integer that is a factor of both (or all) numbers.

Find the GCF for the following shown below:

Integers:	Monomials:
Find the GCF of 18, 24, & 36.	Find the GCF of $12x^3$, $30x^2$, and $42x$.
•	
	•

Factoring Expressions using the GCF:



Factor each expression using the GCF:

13 2 /	2] $8x^2 - 12y + 20$
1] 3a + 6	2] 8x ² - 12y + 20
	·
01 4 40	410-312 . 11-212 . 4-6
3] 4mn - 10m	4] $8a^3b^2 + 16a^2b^2 - 4ab$
-	·
=> E(2 4EL 2E L . 2 4	·

5) $5b^2c + 15bc + 25bc^2 - 15bc =$

6) If the area of the rectangle is represented as $3w^2 + 5w$, where w is the width of the rectangle. What is the length of the rectangle in terms of w?

3*№* + 5и