Math Virtual Learning

Algebra 2/Honors Algebra 2

April 10, 2020

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Lesson: April 10

Objective/Learning Target:
Students will review methods for factoring polynomial expressions.

Let's Get Started:
Watch Video - Factoring Using All Methods

Practice:
Go to this website - Factoring Polynomials

1. Get out a sheet of paper to practice the problems (1-17)

2. The website Factoring Polynomials will walk you through each problem, you will input your answer and you can check your answers to make sure you are getting them correct.

Practice:

On the same sheet of paper, practice the following problems

1. $y^3 + 9y^2$

2. $5x^2y^3 + 15x^3y^2$

3. $12t^5 - 20t^4 + 8t^2 - 16$

4. $p^2 - 36$

Practice Answer Key:
Once you have completed the problems, check your answers here

1. $y^2(y+9)$

2. $5x^2y^2(y+3x)$

3. $4(3t^5 - 5t^4 + 2t^2 - 4)$

4. $(p+6)(p-6)$

Additional Practice:
Click on the links below to get additional practice and to check your understanding.

Intro to Factoring Video

Common Monomial and Difference of Squares Video

Sum and Difference of Cubes Video

Factor by Grouping Video

Factoring Quadratics Video

Factoring Using all Methods Practice

Factoring Using all Methods Practice Answer Key