

Representing-to-Learn

Dialectic journals invite students to work problems both in mathematical symbols and everyday language.

$6x^2 + 9x - 105$ (5 steps)	
<p>① $3(2x^2 + 3x - 35)$</p> <p>② $2x \cdot x \quad 5 \cdot 7$</p> <p>③ $3(2x - 7)(x + 5)$</p> <p>④ $-7x$ $+10x$</p> <p>⑤ $3(2x^2 + 3x - 35)$ $6x^2 + 9x - 105$</p>	<p>① Factor out the GCF</p> <p>② Look at factors of 1st and 3rd terms</p> <p>③ Signs are +, -</p> <p>④ Write as binomials</p> <p>⑤ Check using FOIL</p>

Daniels & Bizar. (2005) *Teaching the Best Practice Way*. Stenhouse.

Edward de Bono's P-M-I Activity

Statement:

P [Plusses]	M [Minuses]	I [Interesting]

T-List or T-Chart

The War of 1812

Main Idea	Details and/or Examples
Three important reasons for the War of 1812	1. 2. 3.
How the War of 1812 changed how the U.S. did things	1. 2. 3

It says...	I say....	What Matters...?

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