Representing-to-Learn

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

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

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**