

AA PREP—FACTORING VARIATIONS MORE LECTURE

Factor completely.

Grouping:

1) $x(2x-5)+4(2x-5)$	2) $x^3-10x^2+3x-30$
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More Complicated Quadratic Trinomials:

3) $2x^2+9x-5$	4) $3x^2-10x-8$
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Perfect Square Trinomials:

5) $9x^2+30x+25$	6) $4x^2-28x+49$
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Sum/Difference of Cubes (AA preview topic):

7) x^3-8	8) $27x^6+64$
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