

AA PREP—FACTORING VARIATIONS (BASICS) LECTURE

Factor completely.

GCF:

1) $144x^4 - 24x$	2) $15x^3y^5 - 25xy^8$
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Difference of Two Squares:

3) $x^2 - 9$	4) $x^2 - 1$
5) $25x^2 - 4$	6) $x^4 - 16$

Basic Quadratic Trinomials:

7) $x^2 - 2x - 24$	8) $-x^2 - x + 42$
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Perfect Square Trinomials:

9) $x^2 + 6x + 9$	10) $x^2 - 8x + 16$
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