| | | |
|---|---|---|
| Greatest Common Factor | $a^3 \pm b^3$ | $(a+b)(a-b)$ |
| Difference of Two Squares | $a^2 \pm 2ab + b^2$ | $ab(a^2b + 2a - 4b)$ |
| Sum/Difference of Cubes | $a^3b^2 + 2a^2b - 4ab^2$ | $(a \pm b)^2$ |
| Perfect Square Trinomials | $a^2 - b^2$ | $(a \pm b)(a^2 \mp ab + b^2)$ |
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# Factoring Practice

$6x^2y^2 - 2xy^2 + 6x^3$

$3xy^2 - 48x$

$c^3d^3 + 27$

$y^2 - 6y + 8$

$3ax - 15a + x - 5$

$\frac{x^2+4x-5}{x^2-7x+6}$


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