

Factoring: Difference of Squares and Perfect Square Trinomial Review

Difference of Squares

$$A^2 - B^2 = (A - B)(A + B)$$

$$2x^2 - 18$$

$$x^2 - 64$$

$$4x^2 - y^2$$

$$x^4 - 81$$

Perfect Square Trinomials

$$(A + B)^2 = A^2 + 2AB + B^2$$

$$(2x + 3)^2 \quad \text{Vs.} \quad (2x - 3)^2$$

$$(x^2 + 4y^3)^2$$