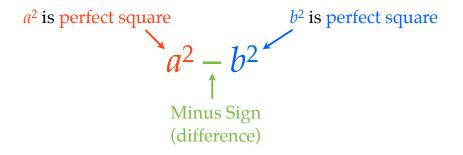
Difference of Two Perfect Squares



Factoring the Difference of Two Perfect Squares

$$a^2 - b^2 = (a + b)(a - b)$$

Factor the Difference of Two Perfect Squares

$$a^2 - b^2 = (a + b)(a - b)$$

$$x^2 - 25$$

$$x^2 - 64$$

$$a^2 - 1$$

Recognizing the Difference of Two Perfect Squares

$$25x^2 - 4y^2$$

Factor the Difference of Two Perfect Squares

$$a^2 - b^2 = (a + b)(a - b)$$

$$9a^2 - 121$$

$$16k^2 - 49$$

$$81m^2 - 4n^2$$

Difference of Two Perfect Squares

 a^2 is perfect square $a^2 - b^2$ is perfect square $a^2 - b^2$ Minus Sign
(difference)

Factoring the

Difference of Two Perfect Squares

$$a^2 - b^2 = (a+b)(a-b)$$