

Difference of Squares

$$9x^2 - 1$$

$$(3x-1)(3x+1)$$

$$4n^2 - 49$$

$$(2n+7)(2n-7)$$

$$36k^2 - 1$$

$$(6k-1)(6k+1)$$

$$p^2 - 36$$

$$(p+6)(p-6)$$

$$2x^2 - 18$$

$$2(x^2 - 9)$$

$$2(x-3)(x+3)$$

$$121n^2 - 144$$

$$(11n-12)(11n+12)$$

$$180m^2 - 5$$

$$5(36m^2 - 1)$$

$$5(6m-1)(6m+1)$$

$$20a^2 - 45$$

$$5(4a^2 - 9)$$

$$5(2a-3)(2a+3)$$

$$3n^2 - 75$$

$$3(n^2 - 25)$$

$$3(n+5)(n-5)$$

$$24x^3 - 54x$$

$$6x(4x^2 - 9)$$

$$6x(2x-3)(2x+3)$$