

Perform the indicated operation. Put your answer in standard form.

$$(8x^2 + 1) + (3x^2 - 2)$$

$$(x^2 + 1) - (3x^2 - 4x + 3)$$

$$(10x - 3 + 7x^2) + (x^3 - 2x + 17)$$

$$(-3x^3 + x - 11) - (4x^3 + x^2 - x)$$

Find the product. Put your answer in standard form.

$$(2x - 7)(3x + 2)$$

$$-3(2x + 1)(x - 6)$$

$$(x + 3)(x^2 - 4x + 9)$$

$$(x - 5)(x + 9)(2x - 1)$$

$$(x^2 + x + 4)(2x^2 - x + 1)$$

Factor Completely

$$24x^4 - 6x$$

$$3x^3 - 24x^2 + 45x$$

$$3x^2 + 11x + 6$$

$$2x^3 - 32x$$

$$4x^2 - 5x - 9$$

$$4x^2 - 25$$