



Multiply

$$(-7x^2 + 7x)(-6x^2 + 2)$$

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

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

$$(x - 1)(-5x + 4)$$



Answer Key

Multiply

$$(-7x^2 + 7x)(-6x^2 + 2)$$

$$42x^4 - 14x^2 - 42x^3 + 14x$$

$$42x^4 - 42x^3 - 14x^2 + 14x$$

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

$$4x^3 + 36x^2 - 3x - 27$$

$$4x^3 + 36x^2 - 3x - 27$$

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

$$-6x^4 - 8x^3 - 3x^2 - 4x$$

$$-6x^4 - 8x^3 - 3x^2 - 4x$$

$$(x - 1)(-5x + 4)$$

$$-5x^2 + 4x + 5x - 4$$

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



Multiply

$$(-7x^2 - 2x)(5x + 1)$$

$$(-3x^3 + 6)(-3x^2 + 8x)$$

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

$$(2x - 5)(-9x + 6)$$



Answer Key

Multiply

$$(-7x^2 - 2x)(5x + 1)$$

$$-35x^3 - 7x^2 - 10x^2 - 2x$$

$$-35x^3 - 17x^2 - 2x$$

$$(-3x^3 + 6)(-3x^2 + 8x)$$

$$9x^5 - 24x^4 - 18x^2 + 48x$$

$$9x^5 - 24x^4 - 18x^2 + 48x$$

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

$$-12x^3 + 8x^2 - 9x^2 + 6x$$

$$-12x^3 - x^2 + 6x$$

$$(2x - 5)(-9x + 6)$$

$$-18x^2 + 12x + 45x - 30$$

$$-18x^2 + 57x - 30$$



Multiply

$$(9x - 1)(-x + 4)$$

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

$$(-7x^2 - 6x)(-4x^2 + 5x)$$

$$(-x^2 - 9)(4x + 1)$$



Answer Key

Multiply

$$(9x - 1)(-x + 4)$$

$$-9x^2 + 36x + x - 4$$

$$-9x^2 + 37x - 4$$

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

$$16x^3 - 16x^2 + 8x^2 - 8x$$

$$16x^3 - 8x^2 - 8x$$

$$(-7x^2 - 6x)(-4x^2 + 5x)$$

$$28x^4 - 35x^3 + 24x^3 - 30x^2$$

$$28x^4 - 11x^3 - 30x^2$$

$$(-x^2 - 9)(4x + 1)$$

$$-4x^3 - x^2 - 36x - 9$$

$$-4x^3 - x^2 - 36x - 9$$



Multiply

$$(x + 5)(4x^2 - 9x)$$

$$(4x^2 + 9x)(-4x + 1)$$

$$(-8x - 8)(5x + 7)$$

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



Answer Key

Multiply

$$(x + 5)(4x^2 - 9x)$$

$$4x^3 - 9x^2 + 20x^2 - 45x$$

$$4x^3 + 11x^2 - 45x$$

$$(4x^2 + 9x)(-4x + 1)$$

$$-16x^3 + 4x^2 - 36x^2 + 9x$$

$$-16x^3 - 32x^2 + 9x$$

$$(-8x - 8)(5x + 7)$$

$$-40x^2 - 56x - 40x - 56$$

$$-40x^2 - 96x - 56$$

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

$$x^3 + 5x - x^2 - 5$$

$$x^3 - x^2 + 5x - 5$$



Multiply

$$(-6x^2 + 4)(3x^3 - 2x)$$

$$(-8x + 8)(-3x^2 - 4)$$

$$(8x - 4)(-8x + 5)$$

$$(-9x^2 + 9)(4x - 5)$$



Answer Key

Multiply

$$(-6x^2 + 4)(3x^3 - 2x)$$

$$-18x^5 + 12x^3 + 12x^3 - 8x$$

$$-18x^5 + 24x^3 - 8x$$

$$(-8x + 8)(-3x^2 - 4)$$

$$24x^3 + 32x - 24x^2 - 32$$

$$24x^3 - 24x^2 + 32x - 32$$

$$(8x - 4)(-8x + 5)$$

$$-64x^2 + 40x + 32x - 20$$

$$-64x^2 + 72x - 20$$

$$(-9x^2 + 9)(4x - 5)$$

$$-36x^3 + 45x^2 + 36x - 45$$

$$-36x^3 + 45x^2 + 36x - 45$$



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