



StudentName: _____

ExamDate: _____ ExamScore: _____

$$3x^2 - 9x$$

$$x^3 + 7x - 8$$

$$x^3 - 3x^2 - 64x + 192$$

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

$$x^3 + 6x^2 + 12x + 16$$

$$48x^3 + 226x^2 - 115x - 225$$

$$x^3 - 10x^2 + 31x - 30$$

$$x^3 + 5x^2 - 12x - 36$$

$$2x^2 + 4x$$

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



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$$3x^2 - 9x$$

$$3x(x - 3)$$

$$x^3 + 7x - 8$$

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

$$x^3 - 3x^2 - 64x + 192$$

$$(x - 3)(x + 8)(x - 8)$$

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

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

$$x^3 + 6x^2 + 12x + 16$$

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

$$48x^3 + 226x^2 - 115x - 225$$

$$(6x + 5)(x + 5)(8x - 9)$$

$$x^3 - 10x^2 + 31x - 30$$

$$(x - 2)(x - 3)(x - 5)$$

$$x^3 + 5x^2 - 12x - 36$$

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

$$2x^2 + 4x$$

$$2x(x + 2)$$

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

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