StudentName: _____   ExamDate: _____   ExamScore: ____

$10x^3 - 43x^2 + 58x - 24$ $x^3 + 3x + 4$

$x^3 + 8x^2 + 81$ $x^3 - 7x^2 - 9x - 81$

$2x^2 + 4x$ $x^3 - 7x^2 - 6x - 16$

$3x^2 - 9x$ $x^3 + 8x^2 + 11x + 28$

$x^3 - 3x^2 + 5x - 36$ $6x^2 + 36x$

StudentName: _____   ExamDate: _____   ExamScore: ____

$10x^3 - 43x^2 + 58x - 24$ $x^3 + 3x + 4$

$(2x - 3)(x - 2)(5x - 4)$ $(x + 1)(x^2 - x + 4)$

$x^3 + 8x^2 + 81$ $x^3 - 7x^2 - 9x - 81$

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

$2x^2 + 4x$ $x^3 - 7x^2 - 6x - 16$

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

$3x^2 - 9x$ $x^3 + 8x^2 + 11x + 28$

$3x(x - 3)$ $(x + 7)(x^2 + x + 4)$

$x^3 - 3x^2 + 5x - 36$ $6x^2 + 36x$

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