$7x^2 + 49x$

$16x^3 - 42x^2 - 45x + 81$

$3x^2 + 9x$

$x^3 - 7x^2 + 13x - 42$

$63x^3 + 128x^2 - 436x + 240$

$x^3 - 9x^2 + 2x + 48$

$x^2 + x$

$x^3 + 3x^2 - 34x + 48$

$5x^3 - 21x^2 + 10x + 24$

$9x^2 - 81x$

$16x^3 - 42x^2 - 45x + 81$

$(8x - 9)(x - 3)(2x + 3)$

$7x^2 + 49x$

$7x(x + 7)$

$x^3 - 7x^2 + 13x - 42$

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

$3x^2 + 9x$

$3x(x + 3)$

$x^3 - 9x^2 + 2x + 48$

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

$63x^3 + 128x^2 - 436x + 240$

$(9x - 10)(x + 4)(7x - 6)$

$x^3 + 3x^2 - 34x + 48$

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

$x^2 + x$

$x(x + 1)$

$9x^2 - 81x$

$9x(x - 9)$

$5x^3 - 21x^2 + 10x + 24$

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