

Name _____

Long Division of Polynomials

$$1) \frac{x^3 - 4x^2 + 2x + 5}{x - 2}$$

$$4) \frac{3x^3 + 4x + 11}{x^2 - 3x + 2}$$

$$2) \frac{2x^3 - 4x + 7x^2 + 7}{x^2 + 2x - 1}$$

$$5) \frac{4x^3 - 2x^2 - 3}{2x^2 - 1}$$

$$3) \frac{2x^3 + 4x^2 - 5}{x + 3}$$

$$6) \frac{12x^3 - 11x^2 + 9x + 18}{4x + 3}$$