

MAT 155P – PreCalculus Mathematics Plus Common Formulas
(Updated 8/8/17)

Factoring Cubic Polynomials

Sum of Two Cubes

$$a^3 + b^3 = (a + b)(a^2 - ab + b^2)$$

Difference of Two Cubes

$$a^3 - b^3 = (a - b)(a^2 + ab + b^2)$$