



## Factoring Cubics

Name: \_\_\_\_\_

Date: \_\_\_\_\_ Score: \_\_\_\_\_

$$x^3 - 49x + 120$$

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

$$8x^2 + 64x$$

$$12x^3 + 91x^2 + 39x - 70$$

$$7x^2 + 49x$$

$$x^3 - 5x^2 - 10x - 28$$

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

$$4x^2 - 16x$$

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

$$48x^3 - 322x^2 - 143x + 315$$