

## Factoring Cubics

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

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

$$16x^3 + 58x^2 + 61x + 18$$

$$36x^3 + 149x^2 + 194x + 80$$

$$21x^3 - 74x^2 + 76x - 24$$

$$18x^3 - 65x^2 + 68x - 20$$

$$18x^3 + 183x^2 + 332x + 160$$

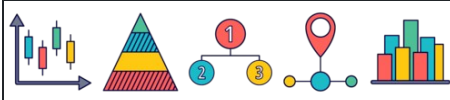
$$x^3 - 3x^2 - 34x - 48$$

$$3x^2 - 9x$$

$$5x^2 - 25x$$

$$4x^2 + 16x$$

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



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

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$$16x^3 + 58x^2 + 61x + 18$$
$$(2x + 1)(x + 2)(8x + 9)$$

$$36x^3 + 149x^2 + 194x + 80$$
$$(4x + 5)(x + 2)(9x + 8)$$

$$21x^3 - 74x^2 + 76x - 24$$
$$(7x - 6)(x - 2)(3x - 2)$$

$$18x^3 - 65x^2 + 68x - 20$$
$$(2x - 1)(x - 2)(9x - 10)$$

$$18x^3 + 183x^2 + 332x + 160$$
$$(3x + 4)(x + 8)(6x + 5)$$

$$x^3 - 3x^2 - 34x - 48$$
$$(x + 2)(x - 8)(x + 3)$$

$$3x^2 - 9x$$
$$3x(x - 3)$$

$$5x^2 - 25x$$
$$5x(x - 5)$$

$$4x^2 + 16x$$
$$4x(x + 4)$$

$$x^3 - x^2 - 9x + 9$$
$$(x + 3)(x - 1)(x - 3)$$