

$$x^2 - 9$$

$$2x^2 - 18x$$

$$4x^2 - 4x - 8$$

$$\begin{aligned} &9x^2 - 12x + 4 \\ &(3x - 2)(3x - 2) \\ &(1x \quad)(1x \quad) \end{aligned}$$

$$6x^2 - x - 2$$

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

$$(6x \quad)(1x \quad)$$

$$x^2 + 6x + 8$$

$$(x + 2)(x + 4)$$

$$2x^2 - 3x - 2$$

$$(2x + 1)(x - 2)$$

$$\underbrace{\hspace{2cm}}_{4x}$$

$$4x^2 - 9$$

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

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

$$x^3 + 8$$

$$x^3 + 2^3 \quad (x+2)(x^2-2x+4)$$

$$x^3 + 8$$

$$x^3 - 27 = x^3 - 3^3$$

$$a=x \quad b=3$$

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

$$x^2 - 5x + 6$$

$$(x-2)(x-3)$$

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

$$(2x-3)(x-3)$$

$$x^2 - 1$$

$$(x+1)(x-1)$$

$$4x^2 - 4x - 15$$

$$(2x + 3)(2x - 5) \quad (4x \quad \times \quad 1x)$$

$$x^2 - 25$$

$$(x+5)(x-5)$$

x

$$8x^3 - 32x$$

$$x^2 + 2x + 1$$

$$6x^3y + 12x^2y$$

$$8x^2 + 12x - 2x - 3$$

$$5x^2 + 7x - 20x - 28$$

$$2x^3 - 7x^2 - 4x$$

$$x^2 - 4x + 5x - 20$$

$$2x^2 - 10x + 7x - 35$$

$$4x^2 - 121$$