

Leccion 3 Act 4 Unidad

$$1. \frac{2x+4}{x+4}$$

$$\frac{x^2-y^2}{4x+8}$$

$$\frac{2x+4}{x+4}$$

$$(x-y)(x+y)$$

$$\frac{1}{x+4}$$

$$(x-4)(x+4)$$

$$2$$

$$R // \frac{x-4}{2}$$

$$\frac{2y^2+8y+15}{y^2-25}$$

$$\frac{4y-20}{4x+8}$$

$$\frac{x^2+8x+15}{y+5} \cdot \frac{1}{x+2}$$

$$R // \frac{x^2+8x+15}{xy+2x+5x+10}$$

$$3) \frac{x^3+64}{x^2-16}$$

$$\frac{6x-24}{x^3-4x^2+16x}$$

$$\frac{x^2-4x+16x}{x-4}$$

$$6(x-4)$$

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

$$R // \frac{6}{x}$$

$$4. \frac{5x^2 + 13x - 6}{4 - 25x}$$

$$\cdot \frac{10x + 4}{9 - x^2}$$

$$50x^2 + 20x - 20x - 8$$

$$12 - 4x - 75x + 25x^2$$

$$= \frac{50x^2 - 8}{12 - 79x + 25x^2}$$

$$12 - 79x + 25x^2$$

~~Q //~~

$$50x^2 - 8$$

$$25x^2 - 79x + 12$$

$$\frac{50 - x^2}{x^2 + 5x - 6}$$

$$\frac{y^2 + 5}{y^2 - 5}$$