

TALLER DE REFUERZO

FUNCIONES COMPUESTAS ($f \circ g$)

1. $f(x) = \frac{x-3}{x+1}$

$$g(x) = -\frac{2}{x}$$

$$f[g(x)] = \frac{-2-3x}{x-2}$$

$$f[g(x)] = \frac{-2+3x}{x+2}$$

$$f[g(x)] = \frac{x+3}{x+2}$$

2. $f(x) = 2x + 3$

$$g(x) = 4x - 1$$

$$f[g(x)] = 8x - 1$$

$$f[g(x)] = 8x + 3$$

$$f[g(x)] = 8x + 1$$

3. $f(x) = x^2$

$$g(x) = x + 3$$

$$f[g(x)] = (x+3)$$

$$f[g(x)] = x + 9$$

$$f[g(x)] = (x+3)^2$$