

lmites.

DIA

MES

AÑO

FOLIO

$$\lim_{x \rightarrow 5} (2x - 7) = 2(5) - 7 = 9$$

$$\lim_{x \rightarrow 2} (3x + 2) = 3(2) + 2 = 8$$

$$\lim_{x \rightarrow 3} (4x + 70) = 4(3) + 70 = 22$$

$$\lim_{x \rightarrow 70} (2x - 2) = 2(70) - 2 = 138$$

$$\lim_{x \rightarrow 5} (20x - 3) = 20(5) - 3 = 97$$

$$\lim_{x \rightarrow 6} (6x + 2) = 6(6) + 2 = 38$$

$$\lim_{x \rightarrow 8} (5x - 7) = 5(8) - 7 = 33$$

$$\lim_{x \rightarrow 2} (3x + 1) = 3(2) + 1 = 7$$

$$\lim_{x \rightarrow 3} 5 = 5$$

$$\lim_{x \rightarrow -4} 2x^3 = 2(-4)^3 = 2(-64) = -128$$

$$\lim_{x \rightarrow 9} 12 = 12$$

$$\lim_{x \rightarrow 7} 8x = 8(7) = 56$$

$$\lim_{x \rightarrow -5} (3x + 2) = 3(-5) + 2 = -15 + 2 = -13$$

$$\lim_{x \rightarrow 5} (2x^2 - 5x + 3) = 2(5)^2 - 5(5) + 3 = 2(25) - 25 + 3 = 50 - 25 + 3 = 28$$

$$\lim_{x \rightarrow 3} (x^3 - 2x^2 + x + 7) = (3)^3 - 2(3)^2 + (3) + 7 = 27 - 2(9) + 3 + 7 = 27 - 18 + 3 + 7 = 19$$

$$\lim_{x \rightarrow 5} (3x^3 + 5x^2 + 2x + 70) = 3(5)^3 + 5(5)^2 + 2(5) + 70 = 3(125) + 5(25) + 10 + 70 = 375 + 125 + 20 = 520$$

$$\lim_{x \rightarrow 7} 8x = 8(7) = 56$$

$$\lim_{x \rightarrow 10} (70x^3 + 5x^2 - x + 7) = 70(10)^3 + 5(10)^2 - (10) + 7 = 70(1000) + 5(100) - 10 + 7 = 700,000 + 500 - 10 + 7 = 700,497$$

$$\lim_{x \rightarrow 2} (-5x^3 - 3x^2 + 2x - 8) = -5(2)^3 - 3(2)^2 + 2(2) - 8 = -5(8) - 3(4) + 4 - 8 = -40 - 12 + 4 - 8 = -56$$

$$\lim_{x \rightarrow 5} (x+2)(3x+7) = (5+2)(3(5)+7) = (7)(15+7) = (7)(22) = 154$$

$$\lim_{x \rightarrow 3} (3x+12)(4x) = (3(3)+12)(4(3)) = (9+12)(12) = (21)(12) = 252$$

$$\lim_{x \rightarrow 10} 12 = 12$$

$$\lim_{x \rightarrow -2} (3x+5)(2x) = (3(-2)+5)(2(-2)) = (-6+5)(-4) = (-1)(-4) = 4$$

$$\lim_{x \rightarrow -8} (3x^3 + 3x^2 + x + 7)(x^2 + 70) = (5(-8)^3 + 3(-8)^2 + (-8) + 7)((-8)^2 + 70) = (-2560 + 3064) - 8 + 7(64 + 70) = (-256 + 793074) = (-2,368)(7) = -75,232$$

$$\lim_{x \rightarrow 7} (3x + 5) = (3(7) + 5) = (21 + 5) = 26$$