$\lim_{x \to 5} (2x-1) = 2(5)-1 = 10-1 = 9$

$\lim_{x \to 2} (3x+2) = 6+2 = 8$

$\lim_{x \to 3} (4x+10) = 12+10 = 22$

$\lim_{x \to 10} (2x-2) = 20-2 = 18$

$\lim_{x \to 5} (10x-3) = 50-3 = 47$

$\lim_{x \to 6} (6x+2) = 36+2 = 38$

$\lim_{x \to 8} (5x-7) = 40-7 = 33$

$\lim_{x \to 2} (3x+1)$

$(3(2)+1)$

$6+7 = 7$

$\lim_{x \to 3} 5$ 5

$$\lim_{x \to -4} 2x^3 \qquad 2(-4)^3 = -128$$

$$\lim_{x \to 9} 12 \qquad 12$$

$$\lim_{x \to 7} 8x = 56$$

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

$$\lim_{x \to 5} (2x^2 - 5x + 3)$$

$$2(5)^2 - 5(5) + 3$$
$$2(25) - 25 + 3$$
$$50 - 25 + 3$$
$$25 + 3 = 28$$

$$\lim_{x \to 3} (x^3 - 2x^2 + x + 7)$$

$$(3)^3 - 2(3)^2 + 3 + 7$$
$$27 - 2(9) + 3 + 7$$
$$27 - 18 + 3 + 7$$
$$= 19$$

$\lim_{x \to 5} (3x^3 + 5x^2 + 2x + 10)$

$3(5)^3 + 5(5)^2 + 2(5) + 10$

$3(125) + 25 + 10 + 10$

$375 + 25 + 10 + 10$

$\$20$

$\lim_{x \to 10} (10x^3 + 5x^2 - x + 7)$

$10000 + 500 - 10 + 7$

10497

$\lim_{x \to 2} (-5x^3 - 3x^2 + 2x - 8)$

$-40 - 12 + 4 - 8$

$= -56$