

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

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

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

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

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

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

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

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

$$x \rightarrow 2$$

$$(3(2) + 1)$$

$$6 + 1 = \underline{7}$$

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

$$\underline{5}$$

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

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

$$\lim_{x \rightarrow 7} 8x = \underline{56}$$

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

$$\begin{aligned} \lim_{x \rightarrow 5} (2x^2 - 5x + 3) \\ &= 2(5)^2 - 5(5) + 3 \\ &= 2(25) - 25 + 3 \\ &= 50 - 25 + 3 \\ &= 25 + 3 = \underline{28} \end{aligned}$$

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

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

$$\begin{aligned} & 3(5)^3 + 5(5)^2 + 2(5) + 10 \\ & 3(125) + 25 + 10 + 10 \\ & 375 + 25 + 10 + 10 \\ & \underline{420} \end{aligned}$$

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

$$\begin{aligned} & 10000 + 500 - 10 + 7 \\ & \underline{10497} \end{aligned}$$

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

$$\begin{aligned} & -40 - 12 + 4 - 8 \\ & \underline{-56} \end{aligned}$$