



UNIVERSIDAD DEL SURESTE

MEDICINA HUMANA

FRANCISCO IGNACIO ORDOÑEZ SALVATIERRA

BIOMATEMATICAS

DEL SOLAR VILLAREAL GUILLERMO

TAREA

2 SEMESTRE

09/03/22

TAPACHULA, CHIAPAS.

$$\lim_{x \rightarrow 20} 12 = 12$$

3

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

$$\begin{aligned} \lim_{x \rightarrow -8} (5x^3 + 3x^2 + x + 7)(x^2 + 10) &= 5(-8)^3 + 3(-8)^2 + \\ &(-8) + 7)((-8)^2 + 10) = (-2560 + 3(64) - 8 + 7) \\ &(64 + 10) = (-2560 + 193)(74) = (-2367)(74) \\ &= -175,732 \end{aligned}$$

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