lim x = 2 = [00] = lim (21) - lim (22) = lim 2 = 2 = 00 = 0 N7 3,20 lin (1 - 1) = [00-00] = lin 3012-2 = [07 = = lim (Sin x - x) = lim (Cos -1) = lim - sin x 2+0 (x-sin x) = 2+0 (Sin x + x Cos x) = 200 200 x - 2 sin x = 21-0.0 = 2 = 0 $\lim_{x\to\infty} 2(e^{\frac{t}{2}}-1) = [\infty \cdot 0] = \lim_{x\to\infty} \frac{e^{\frac{t}{2}}-1}{2} = [0] = \lim_{x\to\infty} \frac{(e^{\frac{t}{2}}-1)}{(\frac{t}{2})^2}$ $= \lim_{x\to\infty} \frac{e^{\frac{t}{2}} \cdot (-\frac{t}{2})}{(-\frac{t}{2})^2} = \lim_{x\to\infty} e^{\frac{t}{2}} = e^{\frac{t}{2}} = e^{\frac{t}{2}} = e^{\frac{t}{2}} = e^{\frac{t}{2}}$ 1/7 3 22 lim (1-25 - 1-21) - [20-00] = lim (25-25) = = $\lim_{x \to 1} \frac{3x^2 - 2x}{-5x^2 + 3x^2 - 2x^2} = \lim_{x \to 1} \frac{3x^2 - 2x}{5x^2 - 3x^2 - 2x} = \frac{3 - 2}{5 - 3 - 2} = \frac{1}{6} - 80$