6/5/24	HW2_	79.176
brenem brayemz:		# 88, 115 B.176
	106, ((1, 10	(01, (02,
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$ O(.) \frac{2x^{2}+3x-2}{2x-1} = \frac{2\cdot(\frac{1}{2})^{2}+3\frac{1}{2}-2}{2(\frac{1}{2})-1}$ $= (inn_{\frac{1}{2}} \frac{(2x-1)(x+2)}{2x-1} = \frac{1}{2}+2 = \frac{5}{2}$	0
92 um (ne3x = (ne3 = 9)	102 tim 1x+4-1 (1x+4+1)(1x+4+	-()
93 $\lim_{x \to 4} \frac{x^2 + 6}{x + 4} = \frac{4^2 - 16}{4 - 4} \cdot \frac{0}{0}$	= hm kt4-1 = lun 1 = 1	1 (2)
$\frac{1}{100} \frac{(1 + 10)^{2} - 1}{100} = \frac{1}{100} = \frac{1}{100} \frac{(1 + 10)^{2} - 1}{100} = \frac{1}{100} \frac{(1 + 10)^{2} - 1}{100}$	$ O_{0} = \lim_{x \to 1^{+}} \frac{2x^{2} + 7x - 9}{x^{2} + x^{2} + x^{2}} = \lim_{x \to 1^{+}} \frac{(2x - 1)(x + 4)}{(x - 1)(x + 2)}$ $\lim_{x \to 1^{+}} \frac{(2x - 1)(x + 4)}{(x + 2)} = \lim_{x \to 1^{+}} \frac{(x - 1)}{(x - 1)(x + 4)}$ $\lim_{x \to 1^{+}} \frac{(2x - 1)(x + 4)}{(x + 2)} = \lim_{x \to 1^{+}} \frac{(x - 1)}{(x - 1)(x + 4)}$	po (X-1) → cσ
97. (im t-9 => (4-9 = 0) t->9 (f-3) (f+3) = 19+3=6	111, 1(m, 1907)-4(x) = \(\text{came(x)} - \text{came(x)}	€⊗)
98. $\frac{1}{100}$	(17). a. $\lim_{x\to 2^{-}} h(x) = 1$ b. $\lim_{x\to 2^{+}} h(x) = 1$ and $\lim_{x\to 3^{+}} h(x) = 1$ and $\lim_{x\to 3^{+}} h(x) + 1$ and $\lim_{x\to 3^{+}} h(x) = 1$	
	= -2t 2-40	