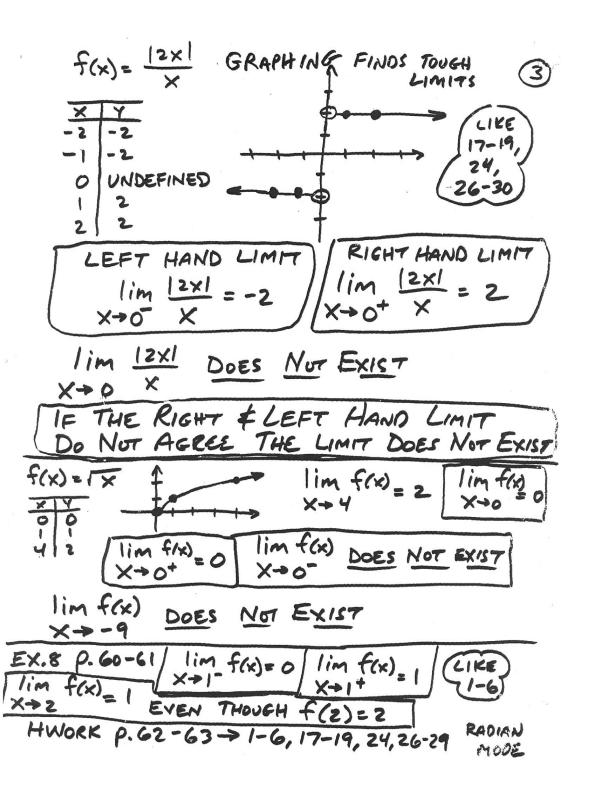
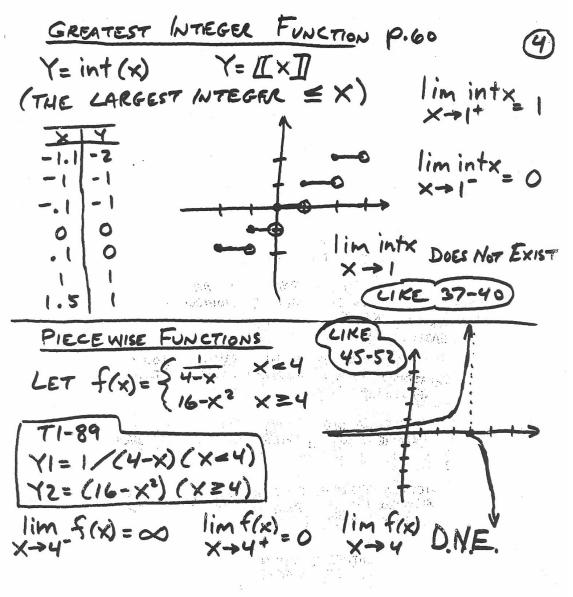


HWORK p. 63 → 21-23,33,35

EVALUATE /im (3+x)3-27 X+0 X WAYS TO ENALUATE A LIMIT (1) T-CHART (2) GRAPH (3) ALGEBRAIC SIMPLIFICATION 20,25
$\frac{(3+x)^{3}-27}{x} = \frac{x^{3}+9x^{2}+27x+27-27}{x}$ $= \frac{x^{3}+9x^{2}+27x}{x} = \frac{x(x^{2}+9x+27)}{x} = x^{2}+9x+27$
$X \to 0$ $X^2 + 9X + 27 = 0^2 + 9.0 + 27 = 27$ Y = 27.009001 $Y = 27.009001$ $Y = 27$
(5) TI-89 F3 limit (((3+x)\13-27)/x,x,0) NOT ON TESTS OR QUIZZES!
THEN $\lim_{x\to c} f(x)$ is Defined AT C Just Plug! EVALUATE $\lim_{x\to c} (x+1)^{211} = (-2+1)^{211} = (-1)^{211}$
LIKE 7-15
HWORK p. 62-63-7, 8,9,11,13,15,16, 20, 25





HOMEWORK P. 63-64 -> 37-42, 45, 47, 49, 51, 59, 61