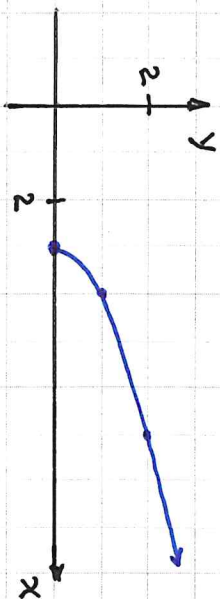


Math 27, HW #2 Selected Problems

Pg. B18, #27 $y = \sqrt{x-3}$

x	0	3	4	7
y	$\sqrt{-3}$	0	1	2

Not a REAL #

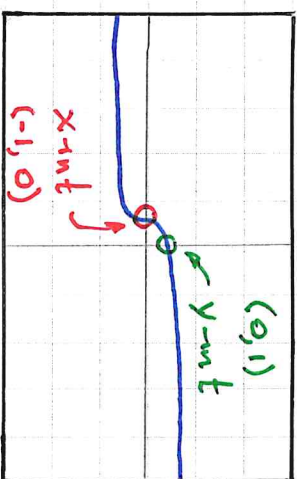


Pg. B19, #42 $y = \sqrt[3]{x+1} = (x+1)^{1/3}$

y-intercept (x=0): $y = \sqrt[3]{0+1} = \sqrt[3]{1} = 1$

x-intercept (y=0): $0 = \sqrt[3]{x+1}$

$0 = x+1 \Rightarrow x = -1$



Pg. B19, #59

$(x-1)^2 + (y-2)^2 = 9$

Solve: $(y-2)^2 = 9 - (x-1)^2$

$y-2 = \pm \sqrt{9 - (x-1)^2}$

$y = 2 \pm \sqrt{9 - (x-1)^2}$

