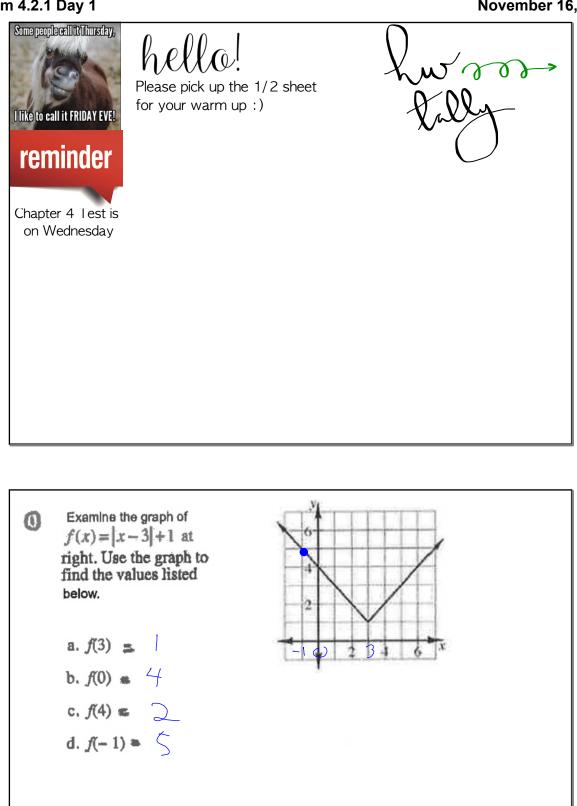
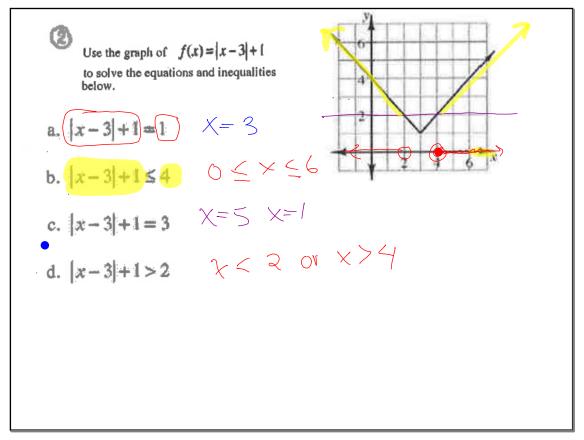
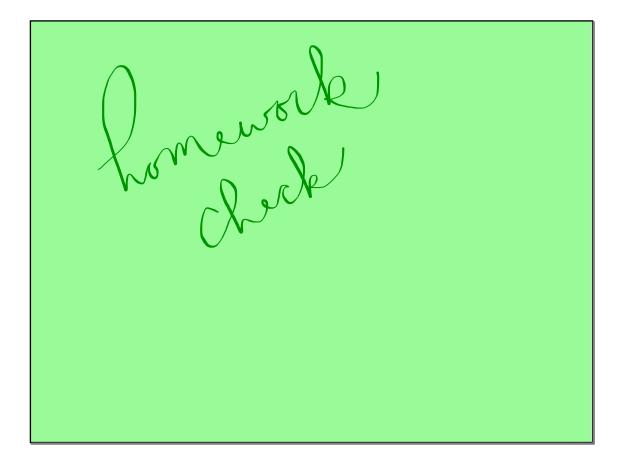
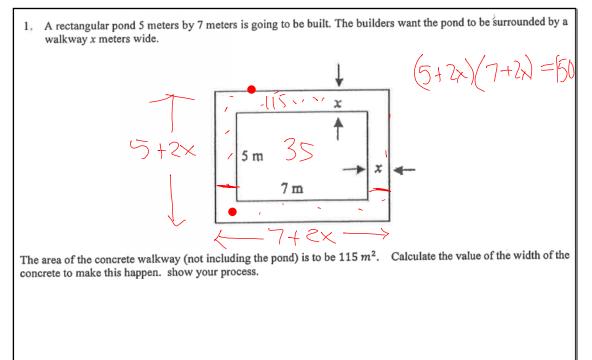
Notes from 4.2.1 Day 1

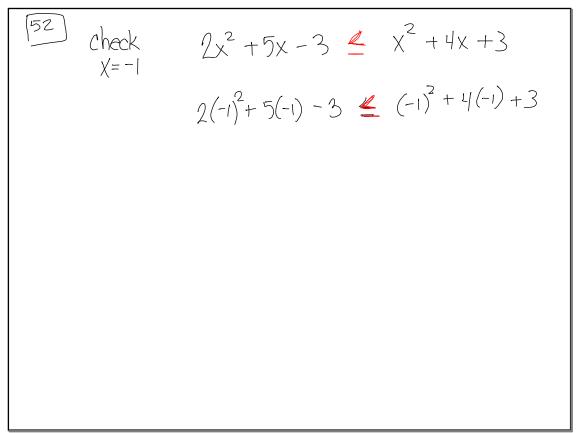








2. Abraham brags, "My cell phone plan is the best! I pay just \$25 per month, and then \$.10 per minute." Abbott quickly counters, "Well my cell phone plan is even better! I only pay \$20 per month and then \$.12 per minute." What do you think: who has the better cell phone plan? Explain completely.



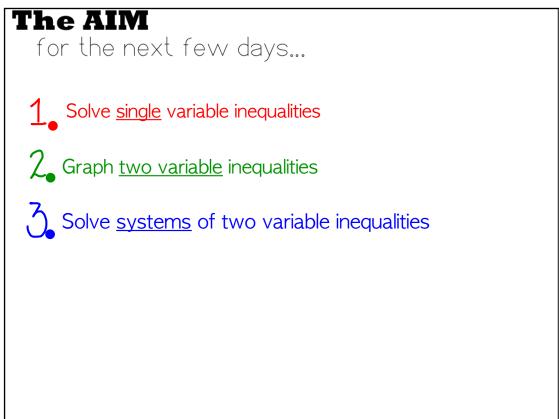
53

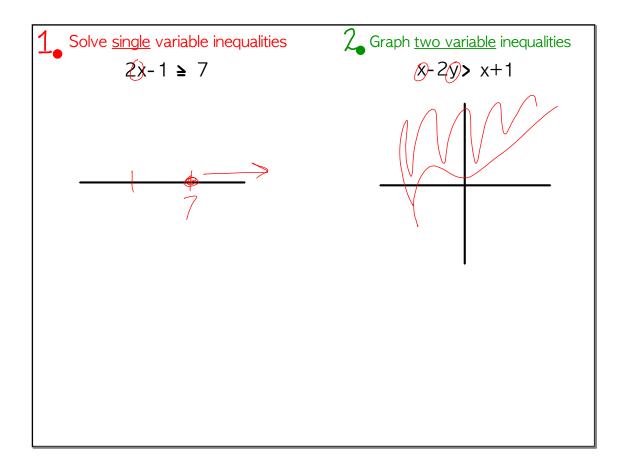
$$5 - 3(\frac{1}{2}x + 2) = -7$$

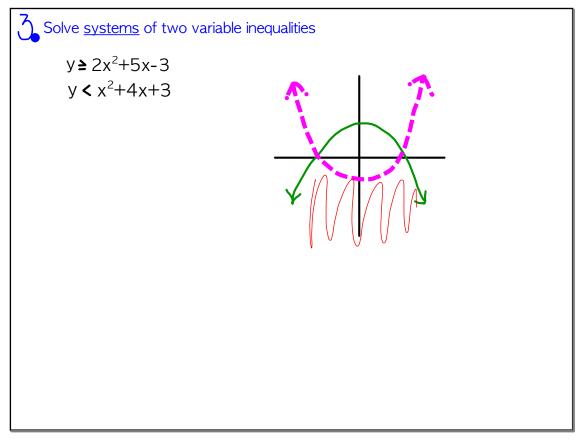
 $5 - 3(\frac{1}{2}x + 2) = -7$

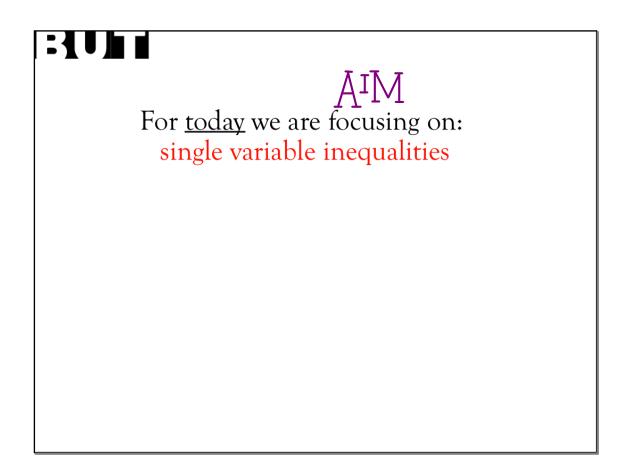
$$C |2 - (\frac{2}{3} \times + \times) = 2$$

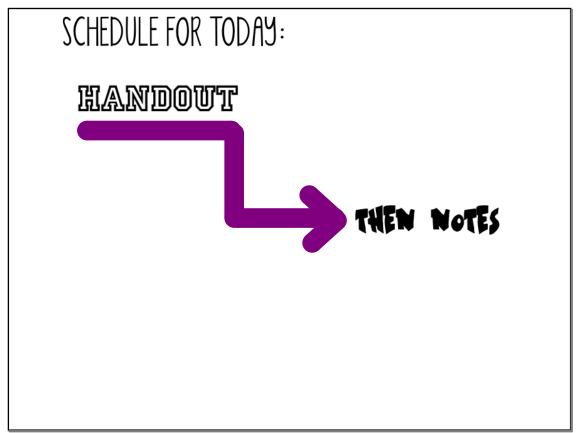
$$\begin{array}{r} (4) & -3 (2x+1)^3 = -192 \\
3 \sqrt{(2x+1)^3} = \sqrt{64} \\
2x+1 = 4
\end{array}$$

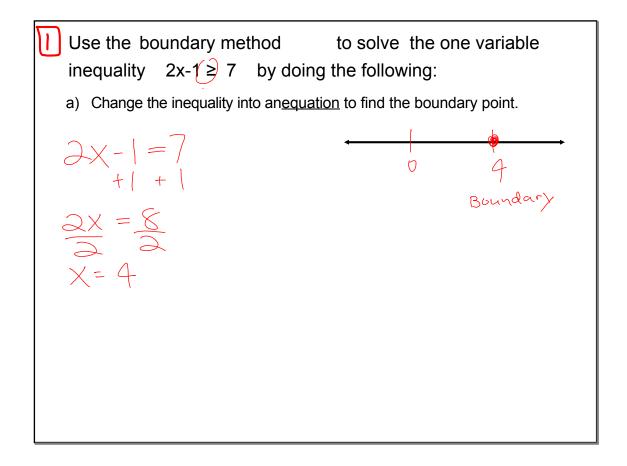


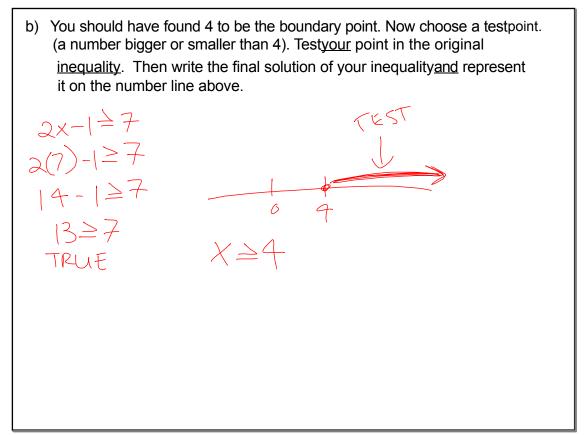


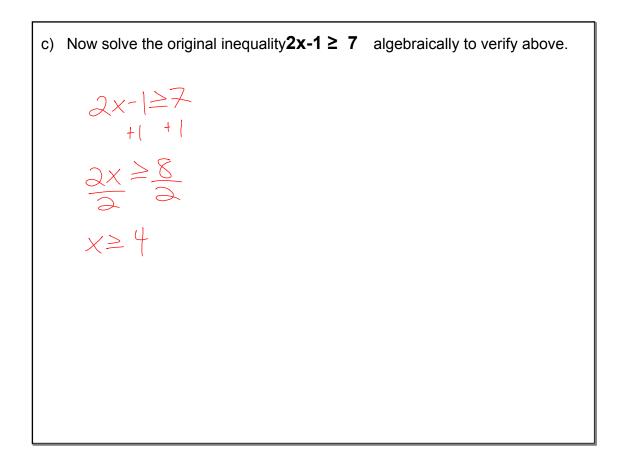


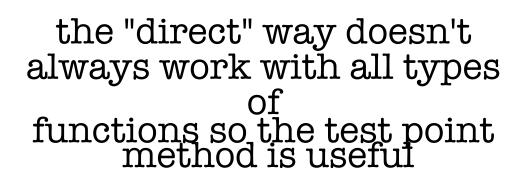


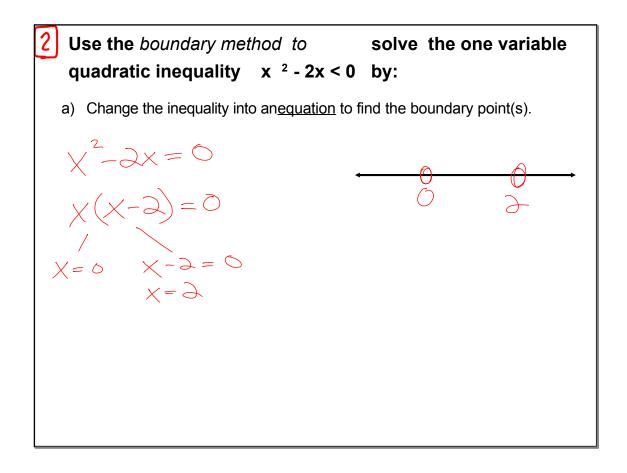


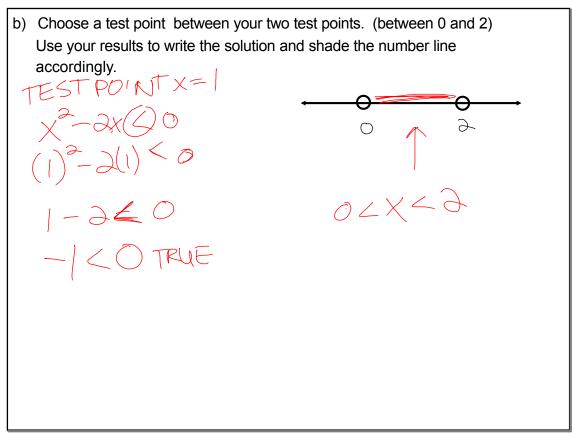








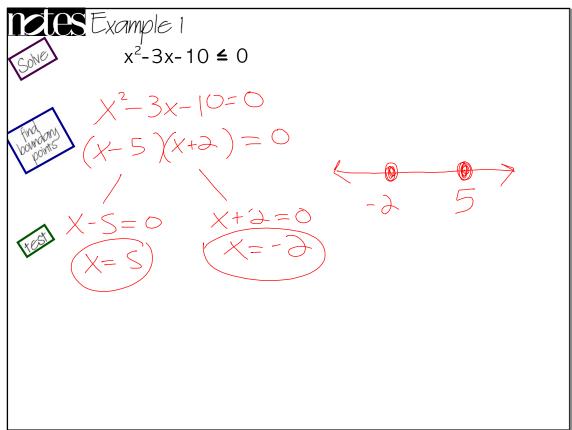


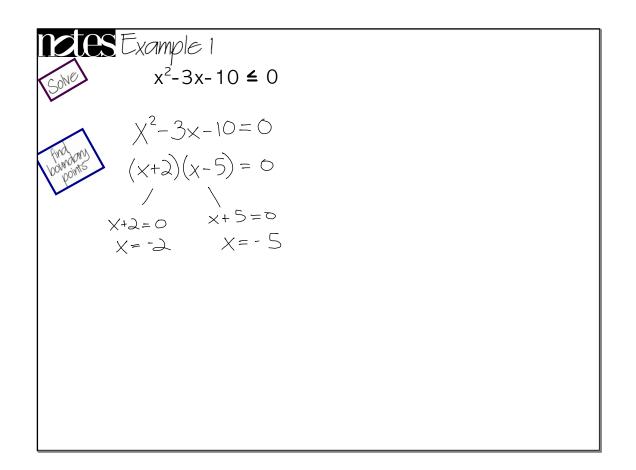


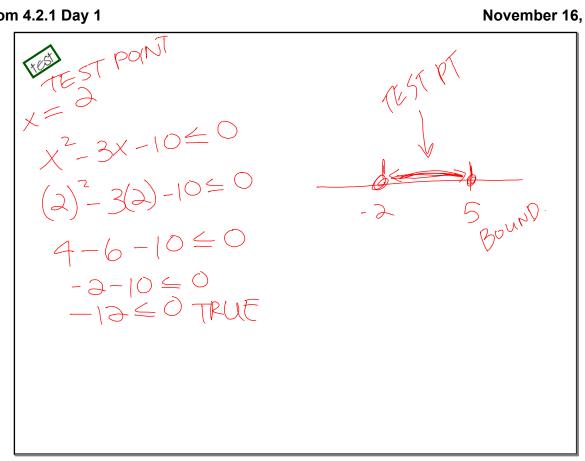


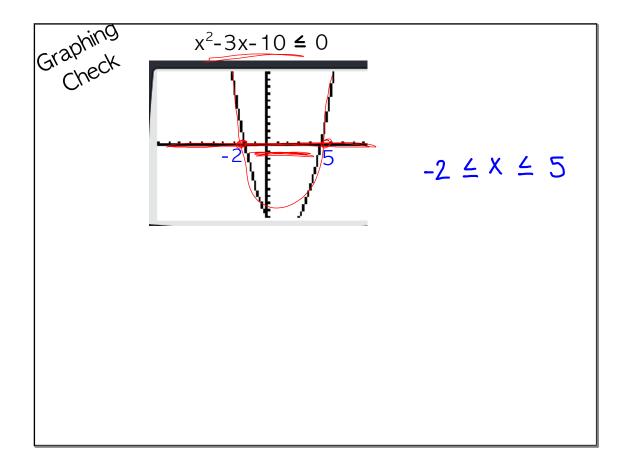
Solve <u>single</u> variable inequalities (1 Variable)

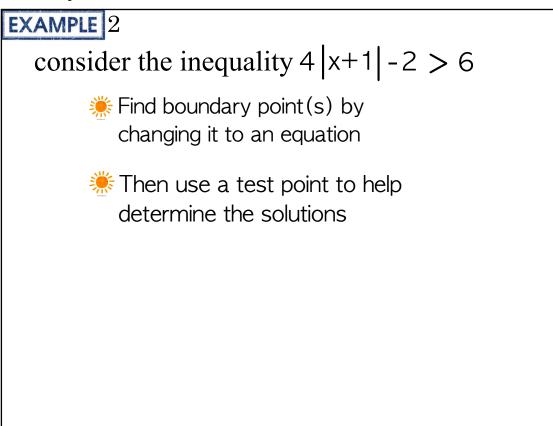
The solutions to single variable inequalities can always be shown on a number line.

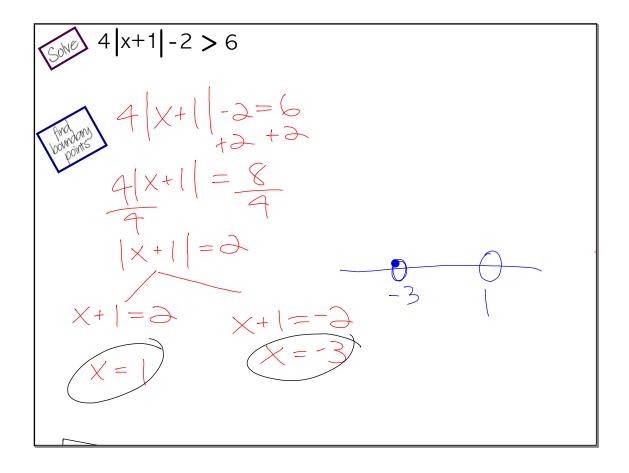


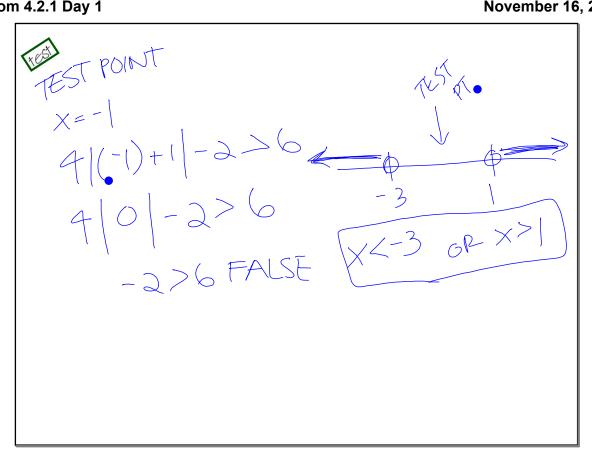


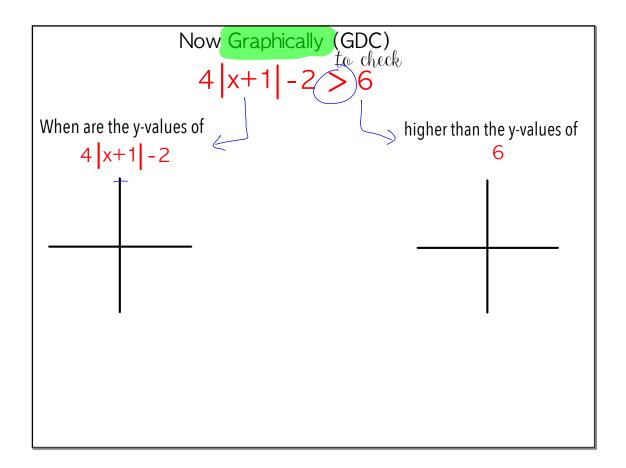




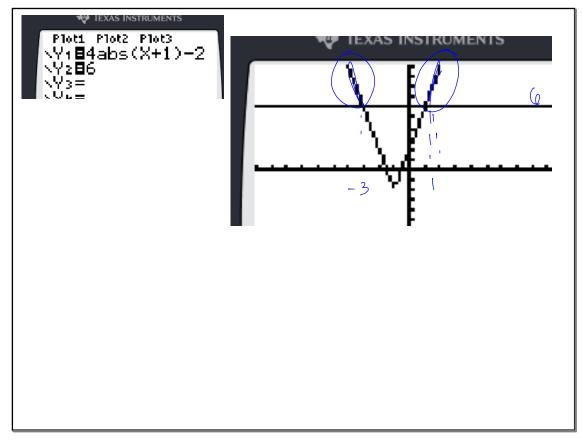








Notes from 4.2.1 Day 1



Now solve the whole inequality algebraically

