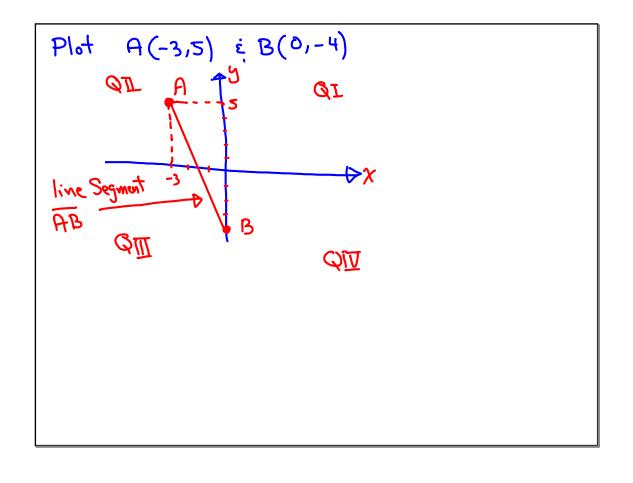
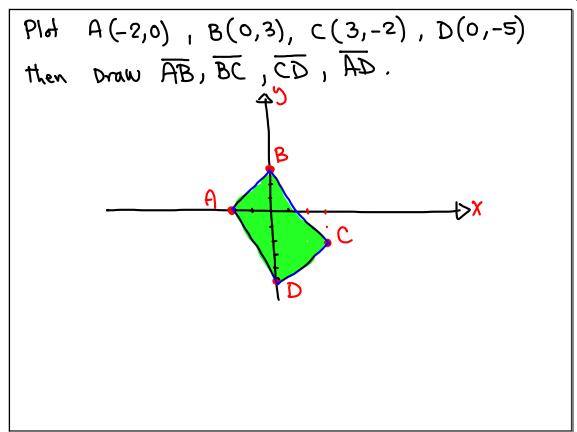
Math 115
Spring 2017
Lecture 9

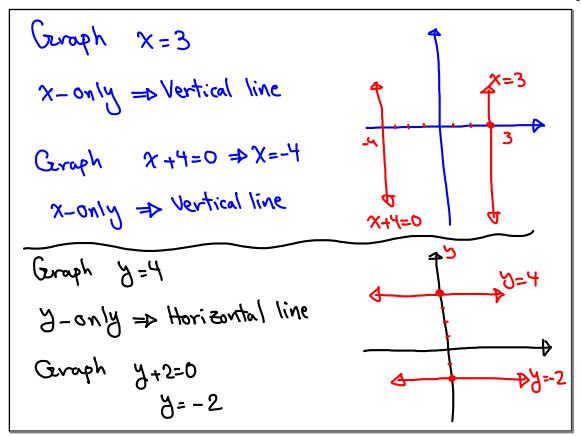


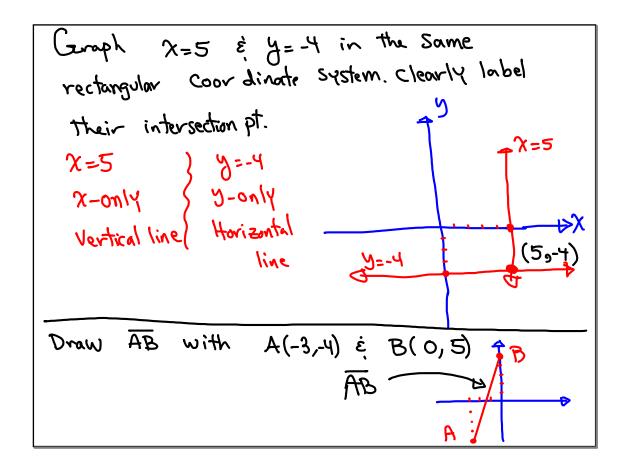


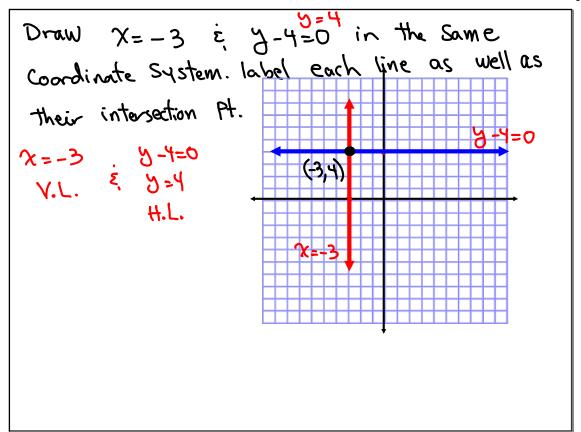
Graphing lines:

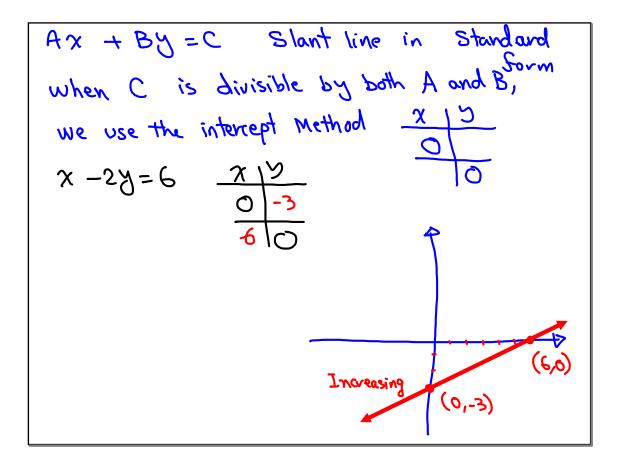
(1)
$$\chi=0$$
 Vertical line $\chi=2$, $\chi=-4$, $\chi=0$, $\chi=0$

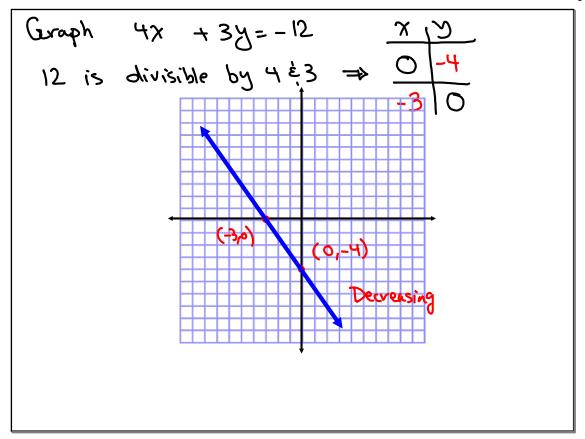
3
$$y = mx + b$$
 Short lines $y = 3x - 1$, $y = -\frac{2}{3}x + 4$
 $y = -\frac{2}{3}x + \frac{2}{3}x + \frac{2}{3}x$

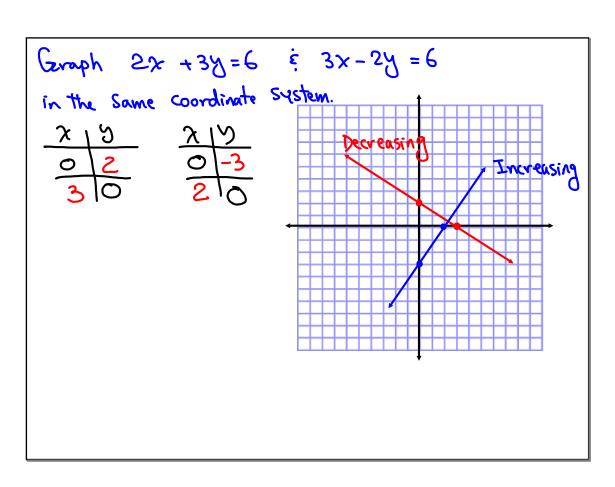


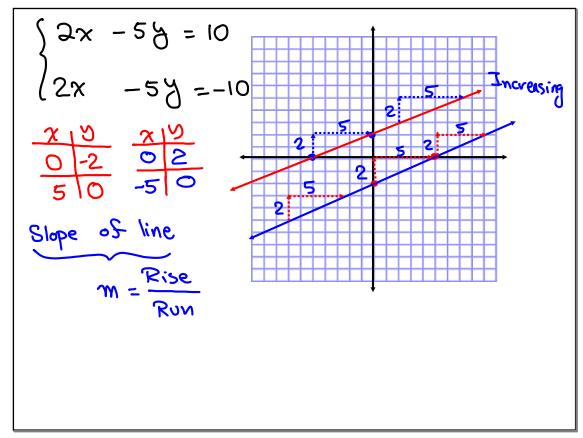


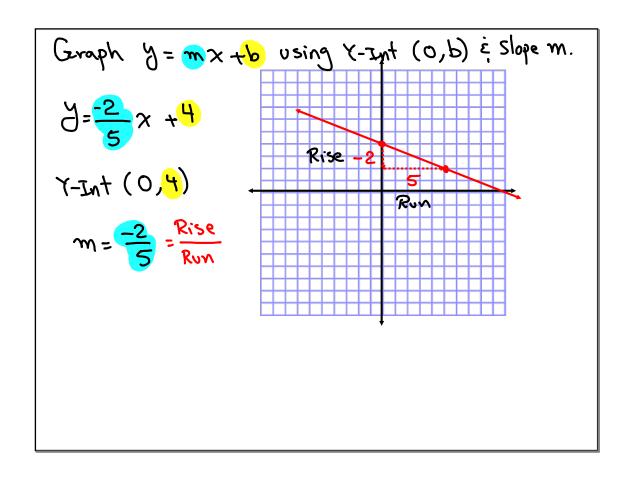


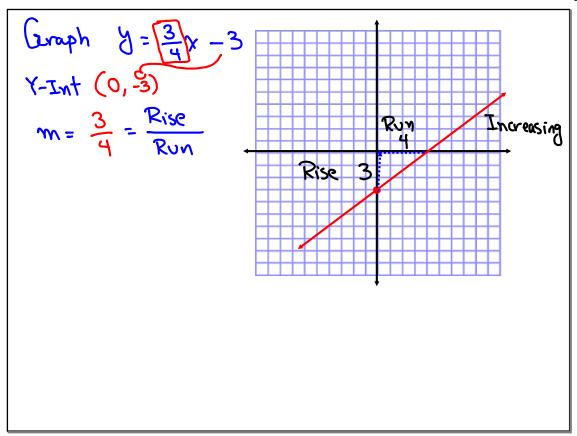


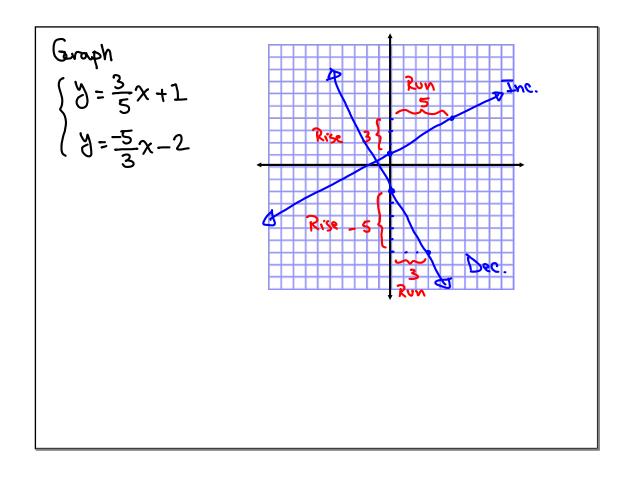












Graph
$$\begin{cases}
\chi - 5y = 10 \\
y = 3
\end{cases}$$

$$\chi = -2$$

$$y = \frac{3}{4}\chi - 2$$

