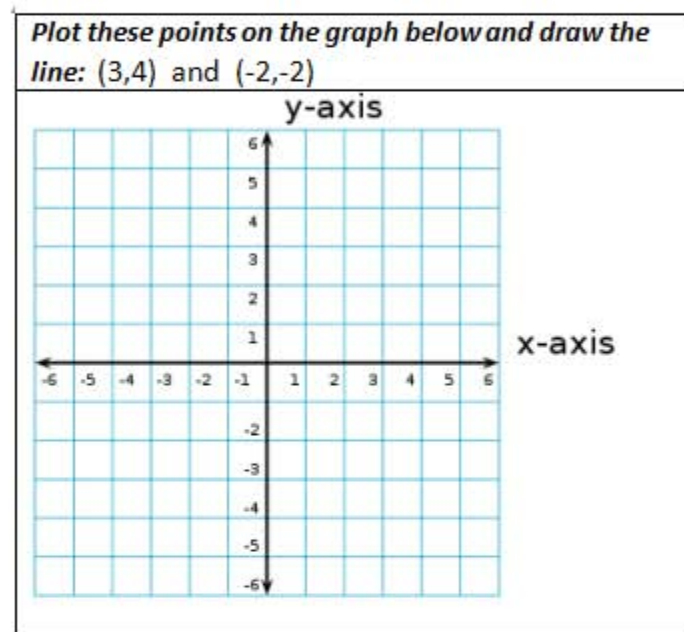**Beginning Algebra ~ Lesson 18-B**
Work the following examples as you listen to the recorded lecture.

Graphing Lines by Point-Plotting

It takes only 2 points to draw a line on the rectangular coordinate system. For example, plot the points (3,4) and (-2,-2) on the graph below, and then draw a line that goes through both.

Plot these points on the graph below and draw the line: (3,4) and (-2,-2)

To graph linear equations, we simply need 2 points that work for the equation.

Example 1: $y = -4x$

x	y