

Name:

**Part 1: Practice.** In the textbook, complete Section 3.2, problems 1-15 odd.

**Part II: Look Ahead.** Watch the Khan Academy video “Slope of a Line” and Julie’s video “Slope-intercept form, ex.1” to answer the following questions.

1. What is slope?
2. What does the symbolism  $\frac{\Delta x}{\Delta y}$  mean?
3. What is the slope intercept form of a line?
4. Explain how you can use the values of  $m$  and  $b$  in the slope-intercept form to graph a line.
5. Graph the equation  $y = \frac{1}{3}x + 4$  on the graph.

