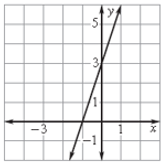
**4.1-4.4 Review Worksheet**

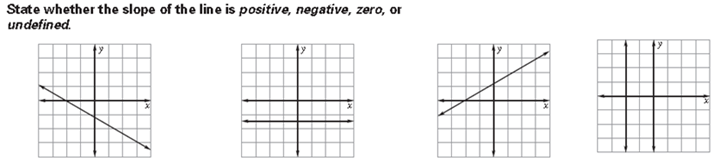
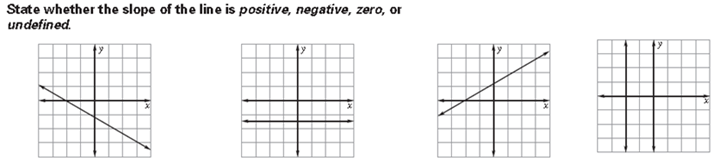
**Find the x and y intercepts of the equation.**

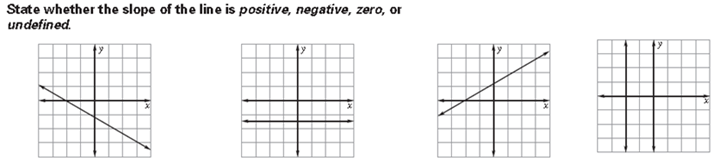
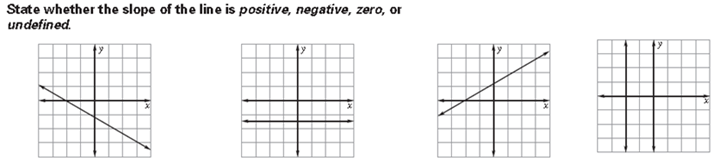
* 1. X-intercept:\_\_\_\_\_\_\_\_\_\_\_\_\_\_
  2. Y-intercept:\_\_\_\_\_\_\_\_\_\_\_\_\_\_
  3. X-intercept:\_\_\_\_\_\_\_\_\_\_\_\_\_\_
  4. Y-intercept:\_\_\_\_\_\_\_\_\_\_\_\_\_\_
  5. X-intercept:\_\_\_\_\_\_\_\_\_\_\_\_\_\_
  6. Y-intercept:\_\_\_\_\_\_\_\_\_\_\_\_\_\_
  7. X-intercept:\_\_\_\_\_\_\_\_\_\_\_\_\_\_
  8. Y-intercept:\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Use the graph to find the x-intercept and the y-intercept of the line.**

1. 
   1. X-intercept:\_\_\_\_\_\_\_\_\_\_\_
   2. Y-intercept:\_\_\_\_\_\_\_\_\_\_\_
2. 
   1. X-intercept:\_\_\_\_\_\_\_\_\_\_\_\_
   2. Y-intercept:\_\_\_\_\_\_\_\_\_\_\_\_

**State whether the slope of the line is *positive, negative, zero, or undefined.***

1. \_\_\_\_\_\_\_\_\_\_\_\_\_
2. \_\_\_\_\_\_\_\_\_\_\_\_\_
3. \_\_\_\_\_\_\_\_\_\_\_\_\_
4. \_\_\_\_\_\_\_\_\_\_\_\_\_



**Find the slope of the line that passes through the given points.**

**Tell whether each set of ordered pairs satisfies a linear function. Explain.**

1. { (-3, 10), (-1, 9), (1, 7), (3, 4), (5, 0) }
2. { (3, 4), (5, 7), (7, 10), (9, 13), (11, 16) }

**Tell whether each function is linear or not. Explain how you know.**

1. y = 3 - 2x
2. xy + 5 = 10

