Extended Algebra 1

Name:_____

Graphing Worksheet 20

Use the given information to write the equation in slope-intercept form.

1. slope = 2
   y-intercept = $(0, 4)$

2. slope = $\frac{3}{2}$
   y-intercept = $(0, -2)$

3. slope = $\frac{2}{3}$
   y-intercept = $(0, 0)$

4. slope = $-\frac{5}{8}$
   y-intercept = $(0, 5)$

5. slope = 0
   y-intercept = $(0, 8)$

6. slope is undefined
   x-intercept = $(-5, 0)$

7. passes through
   $(1, 4)$ and $(0, 2)$

8. passes through
   $(3, 7)$ and $(0, 5)$

9. passes through
   $(-6, 5)$ and $(0, -10)$

10. passes through
   $(8, 3)$ and $(0, 0)$

11. passes through
   $(0, 7)$ and $(-3, 7)$

12. passes through
   $(5, 0)$ and $(5, -5)$