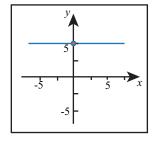
Slope-Intercept Worksheet Answer Key

Yankee Niner-Niner, What Are Your Coordinates?

1. Find the slope of the line joining (1,3) and (2,4).

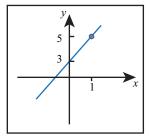
slope=
$$\frac{4-3}{2-1} = \frac{1}{2}$$



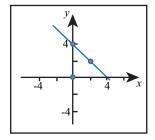
2. Find the slope of the line joining (5,-11) and (4,3).

slope =
$$\frac{-11-3}{5-4} = -14$$

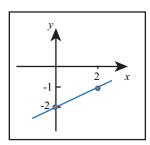
5. Graph the line with slope 2 and y-intercept 3.



3. Graph the line with slope -1 and y-intercept 4.



6. Graph the line with slope $\frac{1}{2}$ and y-intercept -2.



4. Graph the line with slope 0 and y-intercept 5.

7. Find the equation of the line joining (-4,5) and (3,6).

$$y = \frac{1}{7}x + \frac{39}{7}$$

8. Find the equation of the line joining (11,7) and (-11,7).

$$y = 7$$

9. Find the equation of the line with slope $\frac{3}{4}$ and y-intercept 3.

$$y = \frac{3}{4}x + 3$$

10. Find the equation of the line passing through the point (0,1) and slope 5.

$$y = 5x + 1$$

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