Algebra Skills Review: Slope Quiz #1

1. Find the slope of the line containing the points $A(-5,\ 3)$ and $B(-2,\ 5)$.

2. Find the slope of the line containing the points $A(-1,\ 5)$ and $B(-6,\ 6)$.

3. Write an equation of the line with slope $-\dfrac{3}{2}$ and y-intercept –5.

4. Find an equation, in slope-intercept form, of a line having slope –6 and y-intercept –2.

5. Write the equation $5x - 2y = 3$ in slope-intercept form.

6. Write the equation $y - 2 = -\dfrac{1}{4}(x+8)$ in slope-intercept form.

7. Write an equation of a line with slope –6 passing through the point (4, –3).

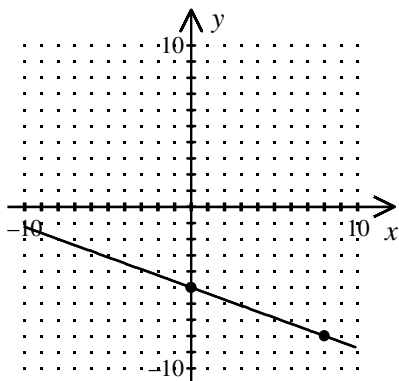8. Find an equation for the line with undefined slope and passing through the point (–2, –6).

9. Find the y-intercept of the line containing the point (1, –2) and having 0 slope.

10. Find the y-intercept of a line that passes through $(-2, -7)$ and has a slope of –2.

11. Write the slope-intercept form of the equation of the line that passes through the points (4, 3) and (6, –7).

12. Write the equation of the horizontal line that passes through the point (3, -5).

13. Write an equation of the line shown in slope-intercept form.

14. Determine the slope of the line.