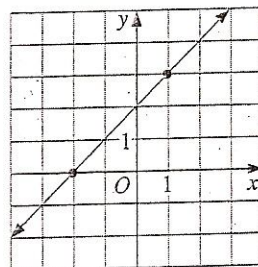
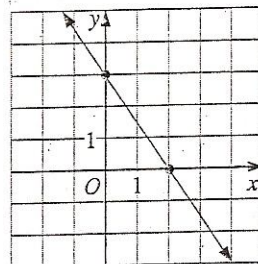


EQUATION

WORKSHEET

7. Find the slope of the line shown in the graph at the right. (Section 3.3)
8. Find the slope of the line through the points $(-3, 3)$ and $(5, -4)$. (Section 3.3)
9. Graph the equation $y = \frac{1}{2}x + 3$ and give the slope of the line. (Section 3.3)
10. Write an equation in slope-intercept form for the graph shown at the right. (Section 3.4)
11. Graph the equation $y = \frac{5}{3}x - 1$. (Section 3.4)
12. Write an equation of the line with slope 0 that passes through the point $(2, 5)$. (Section 3.5)
13. Write an equation of the line through each pair of points. (Section 3.5)
 13. $(0, 5)$ and $(3, 12)$
 14. $(5, 0)$ and $(5, 12)$



For Exercises 15 and 16, refer to the table at the right.
(Section 3.6)

15. Make a scatter plot of the data in the table. Then draw a line of fit and write an equation of your line.
16. Use your equation to predict the suggested maximum weight for an adult 67 in. tall who is less than 35 years old.

Suggested Maximum Weight for Adults Under 35 Years Old	
Height (in.)	Weight (lb)
60	138
64	157
68	178
72	199