****

**3-94.** Solve each equation below for the indicated variable.

1. 3*x* − 2*y* = 18 for *x* b*.* 3*x* − 2*y* = 18 for *y*

c. *rt* = *d*  for *r* d. 11-50d for *r*

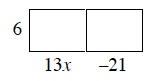
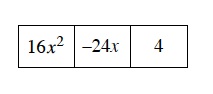
**3-96.**Find the equation of each line described below.

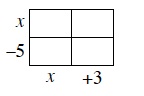
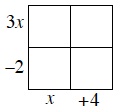
1. A line with slope of 0 that passes through the point (6, –11).
2. A line that passes through the points (12, 12) and (20, 6).

**3-107.** Solve each equation.

* 1. 3(*x* − 2) = −6 b. 2(*x* + 1) + 3 = 3(*x* − 1)

**3-111.**  Complete these generic rectangles on your paper.  Then write the area of each rectangle as a product of





**4-10.** On the same set of axes, use slope and *y*-intercept to graph each line in the system shown below.  Then find the point(s) of intersection, if one (or more) exists.

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