



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

a. $3x - 2y = 18$ for x

b. $3x - 2y = 18$ for y

c. $rt = d$ for r

d. $C = 2\pi r$ for r

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

a. A line with slope of 0 that passes through the point $(6, -11)$.

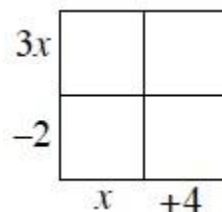
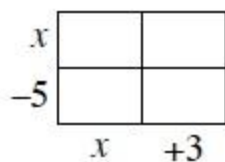
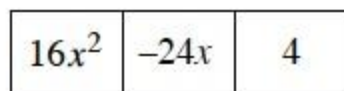
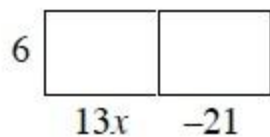
b. A line that passes through the points $(12, 12)$ and $(20, 6)$.

3-107. Solve each equation.

a. $3(x - 2) = -6$

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.

$$y = -x + 2$$

$$y = 3x + 6$$

