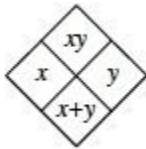




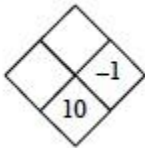
2-82. The point $(21, 32)$ is on a line with slope 1.5.

- Find the equation of the line.
- Find the coordinates of another point on the line.

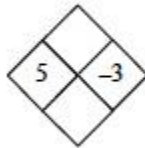


2-83. Copy and complete each of the Diamond Problems below. The pattern used in the Diamond Problems is shown at right.

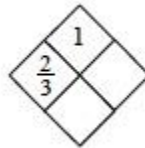
a.



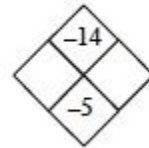
b.



c.

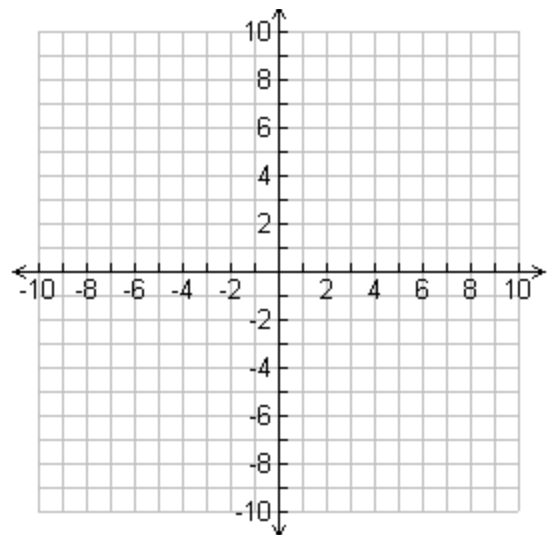


d.



2-84. The graph of the equation $2x - 3y = 7$ is a line.

- Find the x - and y -intercepts and graph the line using these two points.
- If a point on this line has an x -coordinate of 10, what is its y -coordinate?



2-85. Without graphing, identify the slope and y-intercept of each equation below.

a. $y = 3x + 5$

b. $y = \frac{5}{-4}x$

c. $y = 3$

d. $y = 7 + 4x$

2-86. Graph the line $y = -\frac{2}{3}x + 3$.

