Graph the linear equations: (Hint: identify the slope and y-intercept)
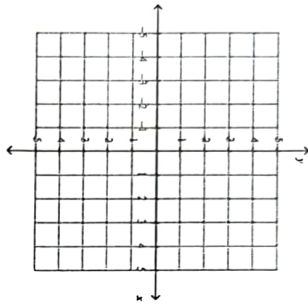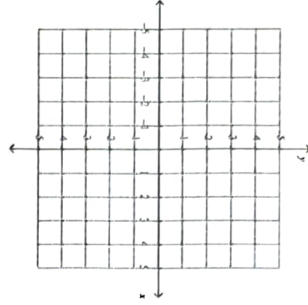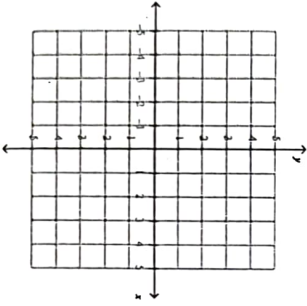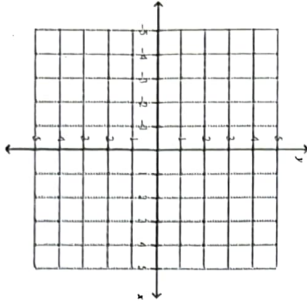
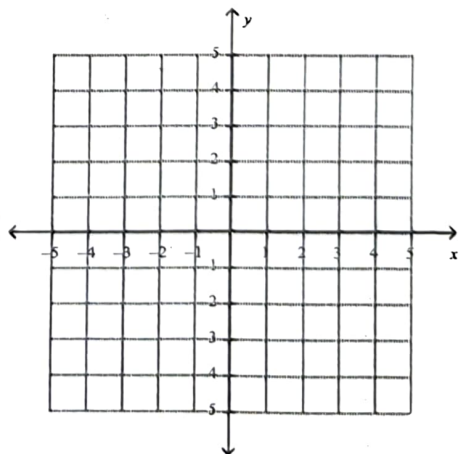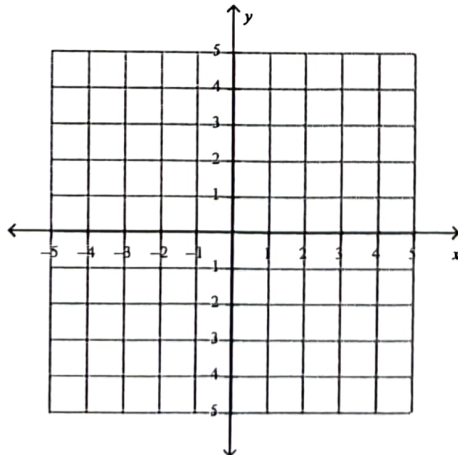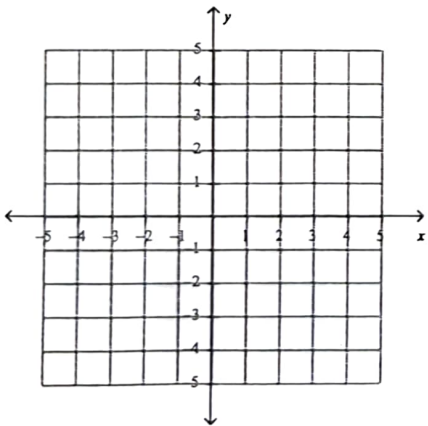1. Graph: $y = \dfrac{1}{3}x - 2$.

2. Graph: $y = -x + 5$.

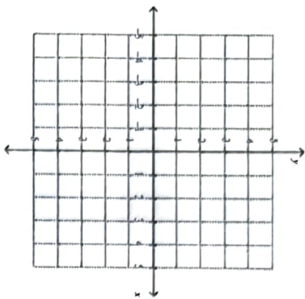3. Graph: $y = -\dfrac{3}{2}x + 3$

4. $y = 3x - 1$

Graph each pair of lines on the same coordinate plane. Make sure you list the slope of each line.

1. $y = \dfrac{-1}{3}x - 2$ and $y = \dfrac{-1}{3}x - 4$ 2. $y = \dfrac{1}{4}x - 2$ and $y = \dfrac{1}{4}x + 1$ 3. $y = x + 2$ and $y = x - 5$
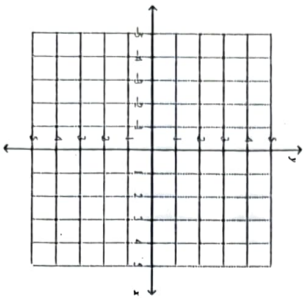
Graphing Linear Relationships

1. For a homework assignment, Sarah must draw a line passing through the points (-3, -3) and (3, 3). Graph Sarah's line on the grid below.
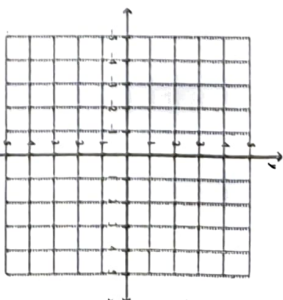
2. Graph a line that goes through the following 2 points: $(-4,3),(2,-1)$

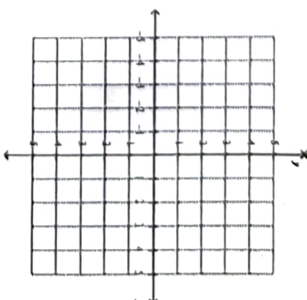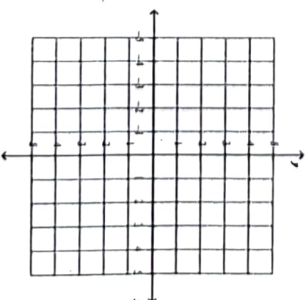## Graph a linear relationship based on information provided:

1. Given slope of $\dfrac{2}{3}$ and the y-intercept is 3.

2. Given slope of 0 and the y-intercept is 1

3. Given $m = -2$ and the y-intercept is (0, 2).

4. Given $m = -\dfrac{1}{4}$ and the point (0, -1).