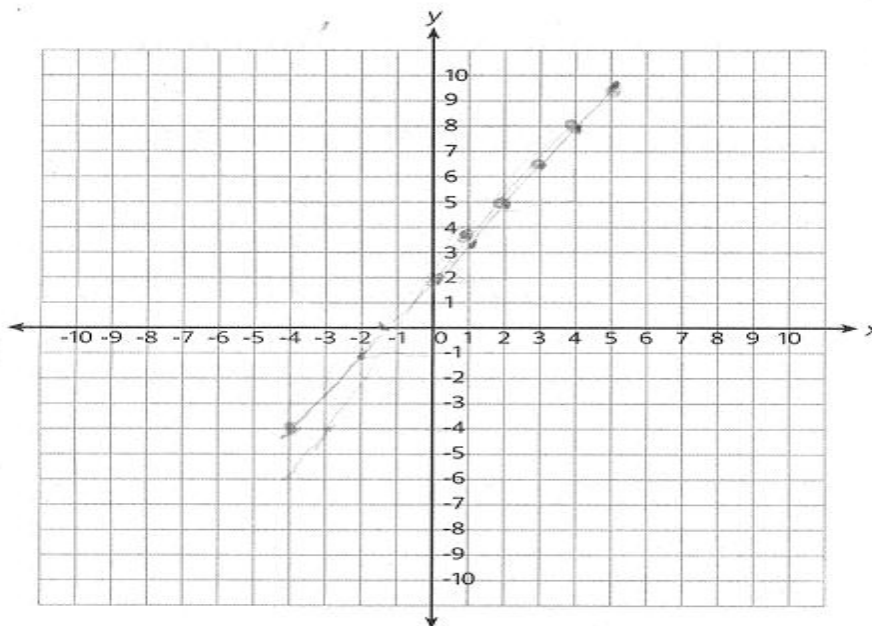


2. (a) Complete the table for the equation $y = \frac{3}{2}x + 2$ for values of x from 0 to 5.

| | | | | | | |
|----------|--------|--------------------|--------|---------------------|----------|---------------------|
| x | 0 | 1 | 2 | 3 | 4 | 5 |
| y | 2 | $3\frac{1}{2}$ | 5 | $6\frac{1}{2}$ | 8 | $9\frac{1}{2}$ |
| (x, y) | (0, 2) | $(1, \frac{3}{2})$ | (2, 5) | $(3, 6\frac{1}{2})$ | $(4, 8)$ | $(5, 9\frac{1}{2})$ |

- (b) Use the table to graph the line $y = \frac{3}{2}x + 2$.



- (c) What is the minimum number of points that would be needed to graph the equation?

(d) Use the graph to find the value of y when $x = -4$.

(e) Use the graph to find the value of x when $y = 0$.