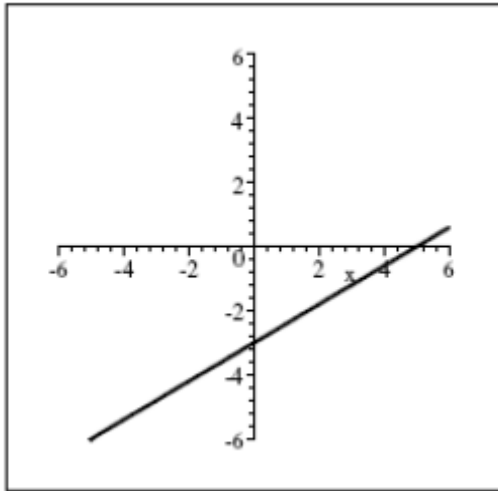


- 1)  $m = -\frac{2}{3}, \quad (0, -2)$
- 2) It has a slope of  $-5$ .
- 3) The graph of the equation  $y - 8 = 12$  is a horizontal line.
- 4)  $6x - 7y = -294$
- 5) 4



- 6)
- 7)  $\frac{1}{2}$
- 8) Q III,  $x = -3$
- 9)  $\{x \mid x > -7\}$
- 10) II only
- 11)  $\{-1, 2\}$
- 12)  $y = 7x - 19$
- 13)  $C(x) = 30x + 140, \quad \$410$
- 14) 200 miles
- 15)  $35 + 0.3m \leq 65$