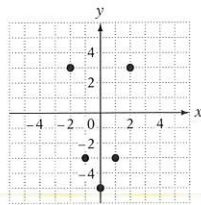


# CHAPTER REVIEW

1.  $(4, 2)$  [3.1A]

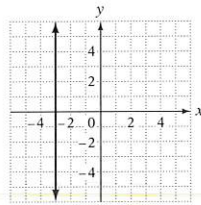
2.  $-2; 3a + 4$  [3.2A]

3.



[3.1A]

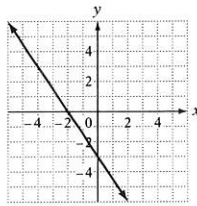
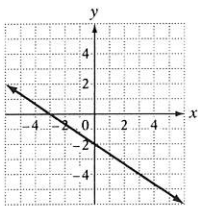
4.



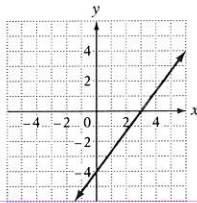
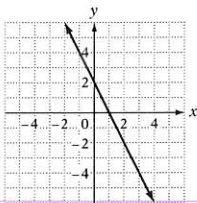
[3.1A]

5.  $\{-1, 1, 5\}$  [3.2A]    6. Domain =  $\{-1, 0, 1, 5\}$ ; range =  $\{0, 2, 4\}$  [3.2A]    7.  $\left(\frac{1}{2}, \frac{9}{2}\right)$ ; 5.10 [3.1B]    8.  $-4$  [3.2A]

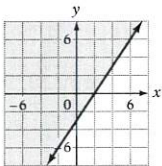
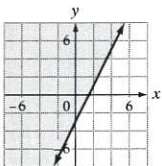
9.  $(-3, 0)$ ;  $(0, -2)$  [3.3C]    10.  $(-2, 0)$ ;  $(0, -3)$  [3.3C]



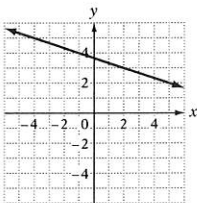
11. [3.3A]    12. [3.3B]    13.  $-1$  [3.4A]    14.  $y = \frac{5}{2}x + \frac{23}{2}$  [3.5A]



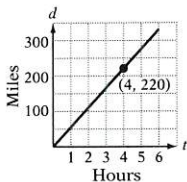
15. [3.7A]    16. [3.7A]    17.  $y = -\frac{7}{6}x + \frac{5}{3}$  [3.5B]    18.  $y = 2x$  [3.6A]



19. [3.4B]    20.  $y = -3x + 7$  [3.6A]    21.  $y = \frac{3}{2}x + 2$  [3.6A]



22. After 4 h, the car has traveled 220 mi. [3.3D]



23.  $m = 20$ ; The slope is the cost of manufacturing one calculator. [3.4A]  
 24.  $y = 80x + 25,000$ ; The cost to build a 2000-square-foot house is \$185,000. [3.5C]