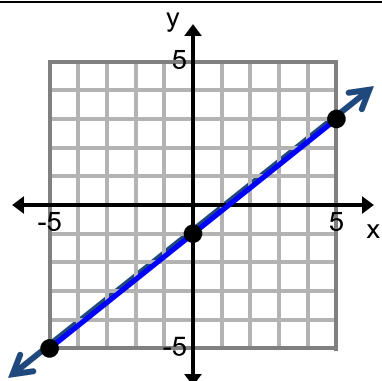
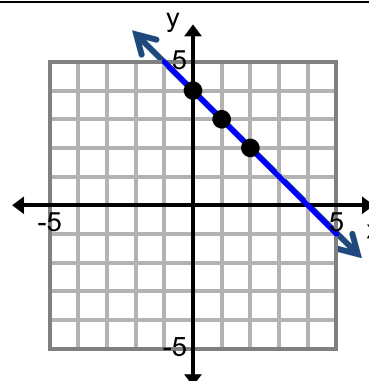


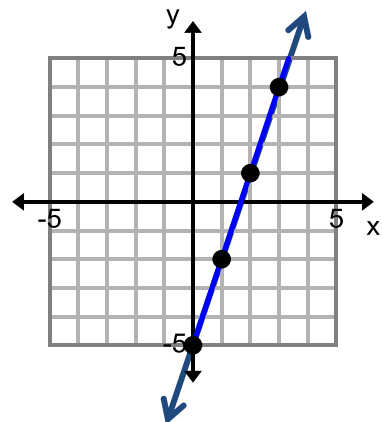
1. $m = \frac{4}{5}; b = -1$



7.



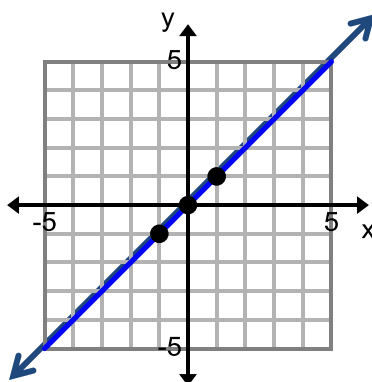
3. $m = 3; b = -5$



9. $m = \frac{3}{2}; b = -4$

$$y = \frac{3}{2}x - 4$$

5. $m = 1; b = 0$



11. $m = -\frac{1}{3}; b = 3$

$$y = -\frac{1}{3}x + 3$$

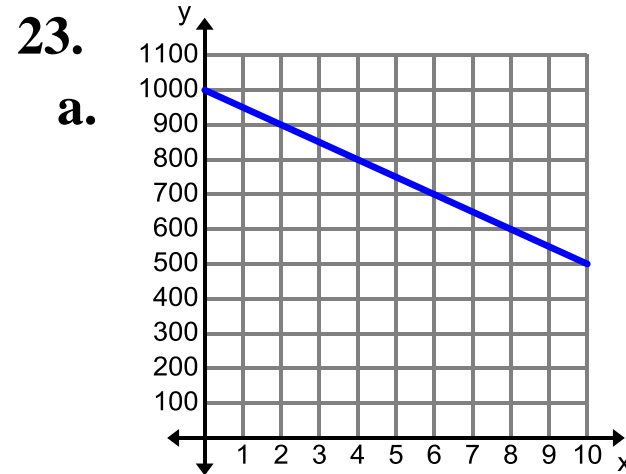
13. $y = \frac{4}{5}x + 1$

15. $y = x + 30$

17. $y = \frac{1}{100}x + 5$

19. $y = -3x - 2$

21. $y = \frac{1}{2}x + 6$



b. slope is describing their speed, 50 mph; y-intercept is describing the distance they started away from their destination, 1000 miles.

25. A