

pg. 170-171 #6-14 (even) and 17-23 (odd)

6. C; slope: $-\frac{2}{3}$; y-intercept: 1

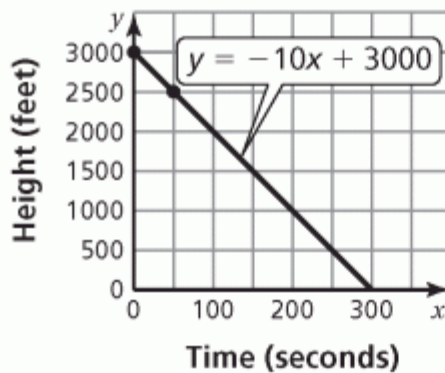
8. slope: -7 ; y-intercept: 12

10. slope: 2.25; y-intercept: 3

12. slope: $\frac{3}{8}$; y-intercept: 6

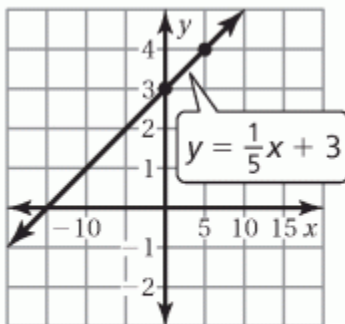
14. slope: $-\frac{1}{2}$; y-intercept: -5

17. a.



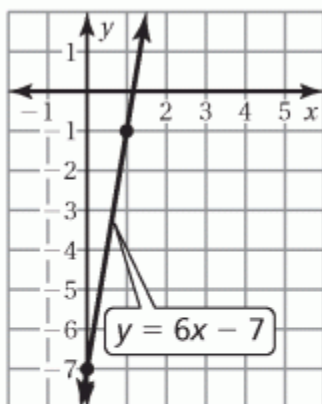
b. The x-intercept of 300 means the skydiver lands on the ground after 300 seconds. The slope of -10 means that the skydiver falls to the ground at a rate of 10 feet per second.

18.



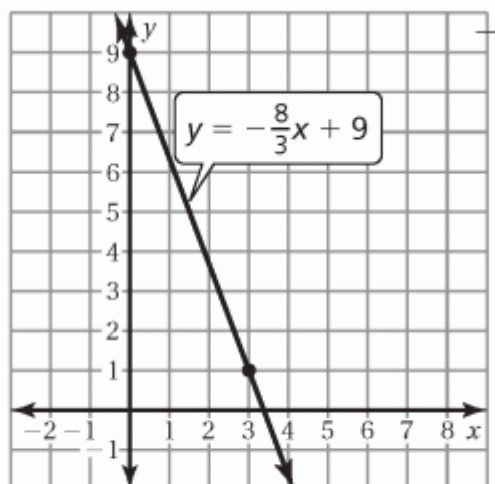
x-intercept: -15

19.



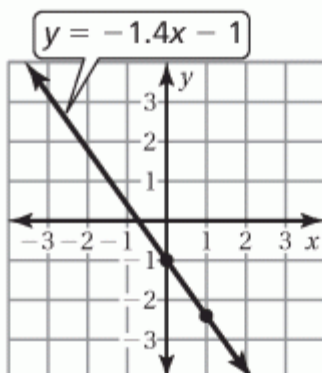
x -intercept: $\frac{7}{6}$

20.



x -intercept: $\frac{27}{8}$

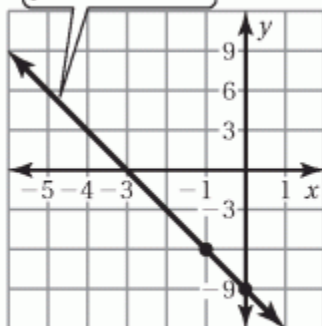
21.



x -intercept: $-\frac{5}{7}$

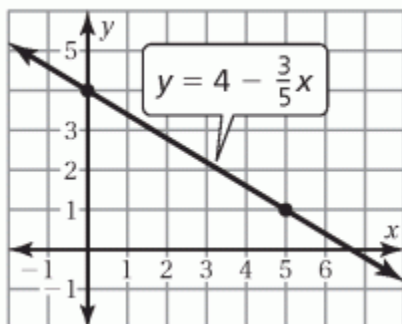
22.

$$y + 9 = -3x$$



x -intercept: -3

23.



x -intercept: $\frac{20}{3}$