

Pg 170-171 #4-9, 11-15 (odd) and 16-24 (even)

4. B; slope: 2; y -intercept: 1

5. A; slope: $\frac{1}{3}$; y -intercept: -2

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

7. slope: 4; y -intercept: -5

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

9. slope: $-\frac{4}{5}$; y -intercept: -2

11. slope: $\frac{4}{3}$; y -intercept: -1

13. slope: -2 ; y -intercept: 3.5

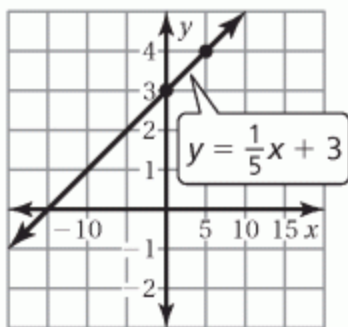
15. slope: 1.5; y -intercept: 11

16. The y -intercept should be -3 .

$$y = 4x - 3$$

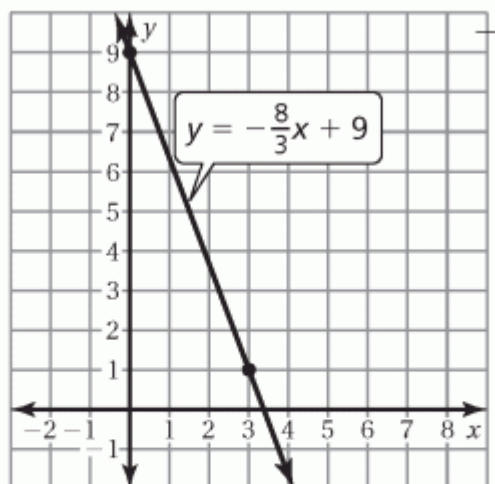
The slope is 4 and the y -intercept is -3 .

18.



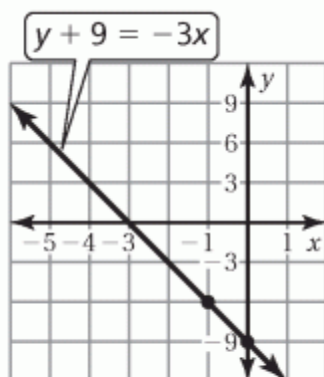
x -intercept: -15

20.



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

22.



x-intercept: -3

24. a. $y = 0.75x + 5$; The cost of going to the festival is the sum of the cost of picking x pounds of apples, $0.75x$, and the cost of admission, 5.

