

369  
7, 14, 13

Pg 794 #7

ALG  
AL4

(39)

Review: Pg 384  
1, -9, 11, 12, 13, 16, 18, 19, 20, 23, 24

- Vocabs  $\rightarrow$  slope  $\Delta y = mx + b$
- Find constant Rate of change
- Find Slope
- Use direct variation
- Interpret + write in Slope - intercept form
- Graph using intercepts
- Interpret intercepts.

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1. y-intercept
2.  $\frac{y_2 - y_1}{x_2 - x_1}$
3. rise, 4, 3
4. 3
5. Standard
6. 3
7. constant
8. No, rate of change is not constant
9. yes, rate is constant \$7 per min
10. work
11.  $-\frac{5}{6}$
12.  $-\frac{4}{7}$
13. \$5,20
14. work
15. Slope  $-\frac{1}{5}$  yint (0, 6)
16. Slope -3 yint (0, -2)
17.  $y = -3x - 2$
18. Graph  $y = 100 + 25x$
19. a) (0, 12) (15, 0)
20. b) x-intercept represents # of boxes of 15 golf balls need for 180
21. y-intercept represents # of boxes of 12 golf balls need 1 Golf Ball
22. a) (24, 0) # of pkg of 8 to fill 192 Hot dog buns
23. (0, 16) # of pkg of 12 needed to fill 192 Hot dog