

Blue Book

Lesson 5.1

p. 196 # 13-32 all (20 problems)

13. I

14. III

15. IV

16. II

17.-20. see graph →

21. (-4, 4)

22. (5, -6)

23. (-5, -4)

24. (0, -4)

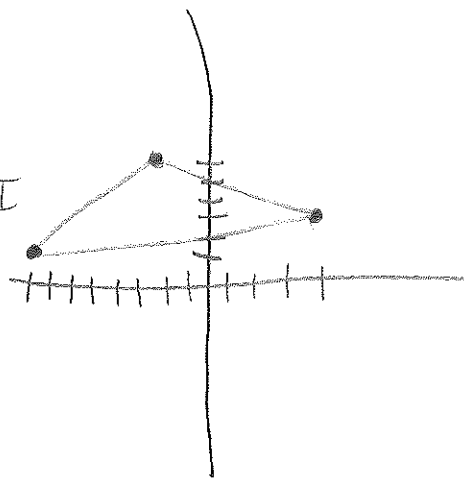
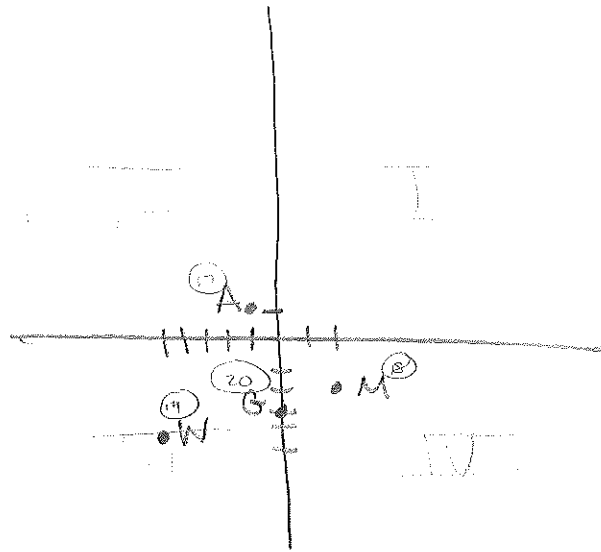
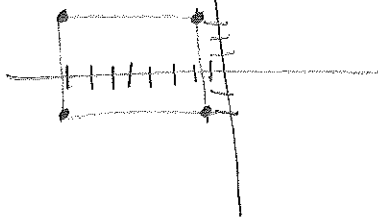
25. (5, 6)

26. (2, 2)

27. triangle in Quad I & II

28. rectangle in Quad

II & III

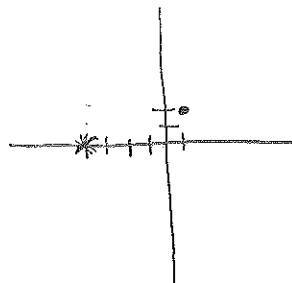


29. III

30. II

31. IV

32. (-4, 0)



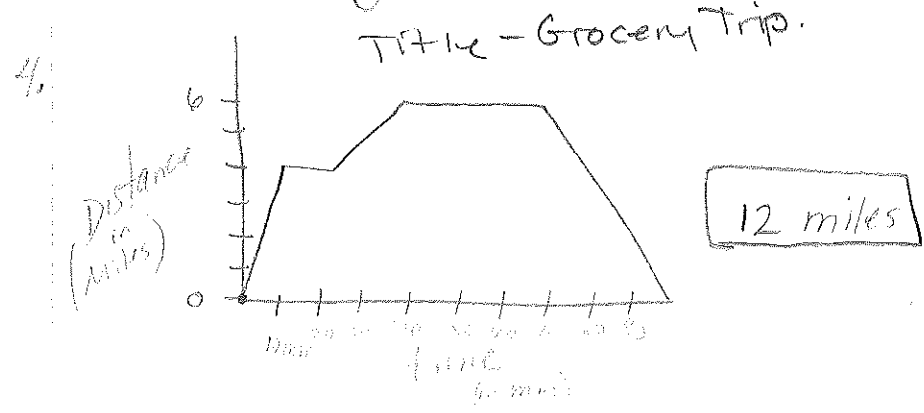
Graphs and tables

Lesson 5.2.

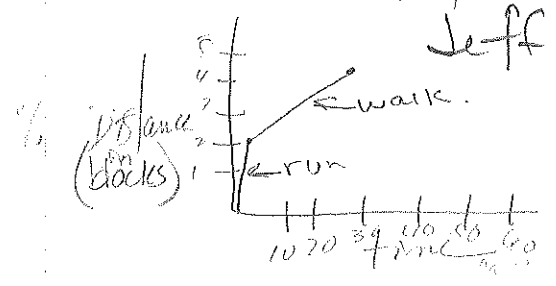
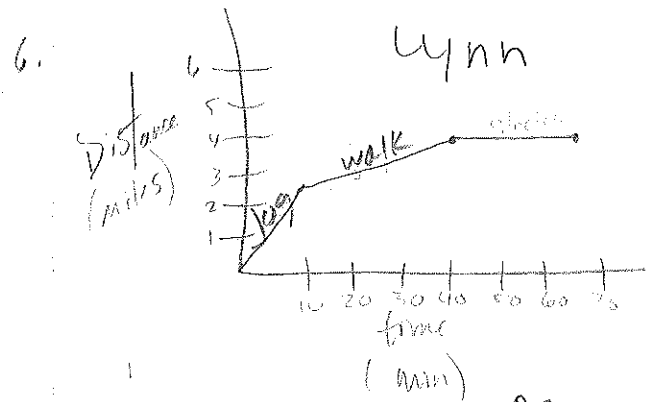
practice worksheet B. p. 200 #3-7 (9 points)

0.200

3. B graph needs to go to zero to show empty.



5. I walked out of my ski condo and went on a flat path to the lift. I took the lift up. I met my husband for breakfast. We skied down to the child care center & dropped the kids off at ski school.



Lesson 5.3

ell
5/29/14
4
Answers

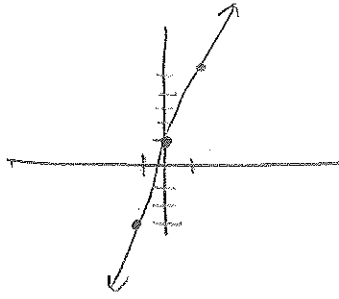
Ex 1:

p. 209 # 12-34 even (12 probs)

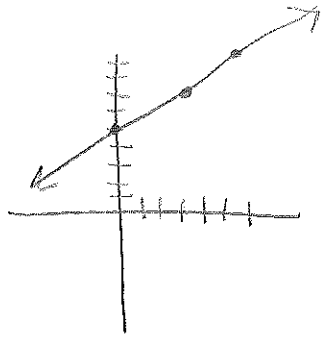
Ex 2:

Practice B.

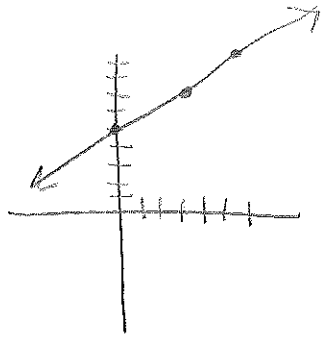
12. positive, $\frac{1}{2}$



14. $m=4$; $(-1, -3)$
positive line

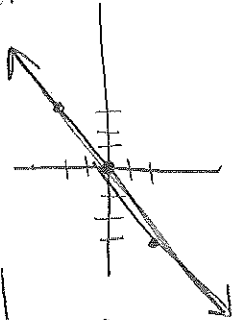


16. $m=2/3$; $(0, 5)$
positive line

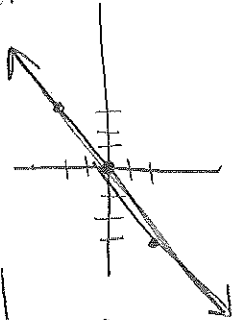


18. variable

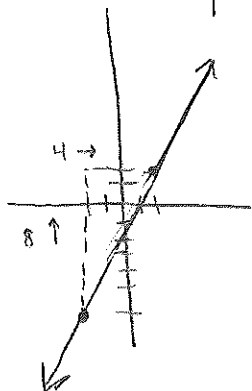
20. constant $\frac{\text{rise}}{\text{run}} = \frac{1}{1} = 1$
1 in / hour



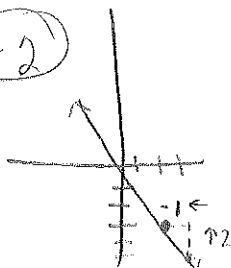
22. Quad II & IV



24. $\frac{8}{4} = 2$



26. $\frac{2}{-1} = -2$

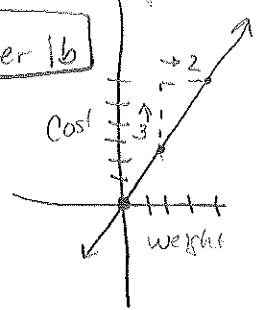


28. A) constant

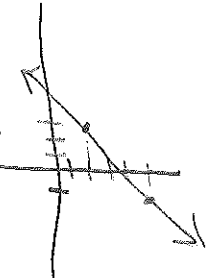
B) $\frac{3}{2}$

C) $\frac{3}{2} \div 2 = \frac{1.5 \text{ cost (lb)}}{1 \text{ weight (lb)}}$

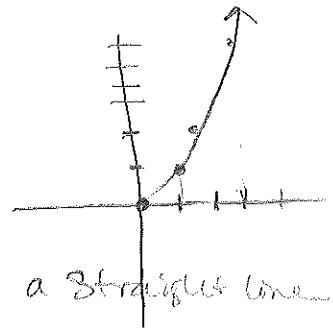
\$ 1.50 per lb



30. he graphed a positive slope instead of a negative slope.

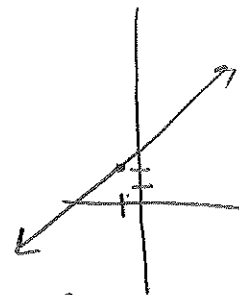


32.



not a straight line

34.



J; Quad IV

Lesson 5.4

1A41

p. 214-215 # 10-22; 26, 28, 32 (10 problems)

DAY 2 Practice B.

10. Yes, $k = \frac{1}{7}$

12. No

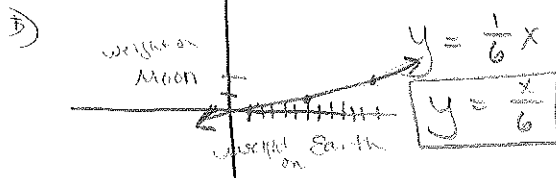
14. $\frac{0.5}{7} = \frac{1.2}{8} = \frac{1.5}{9}$ NO

16. Yes $\frac{1}{10} = \frac{2}{20} = \frac{3}{30} = \frac{1}{10}$

$k = \frac{1}{10}$ $\frac{1}{10} = \frac{1}{10} = \frac{1}{10}$

$y = \frac{x}{10}$ or $y = \frac{1}{10}x$

18. A) $k = \frac{1}{6}$



24 lbs on MOON "y" term

$6 \cdot 24 = \frac{x}{6}$

$x = 144$ lbs on Earth

20. $(6, 30)$ $\frac{y}{x} = k$

$y = 5x$

$\frac{30}{6} = k$

$k = 5$

22. $(17, 31)$ $\frac{31}{17} = k$ can't reduce

$y = \frac{31}{17}x$

26. No; equation would be

$y = kx + 100$ not correct form for direct variation.

28. Yes

Example: $y = kx$

$y = 3x$ if $x = 3$

$y = 9$

if I double 3 to $x = 6$

$y = 18$

The 9 is doubled to 18.

32. D there is no "x" term.