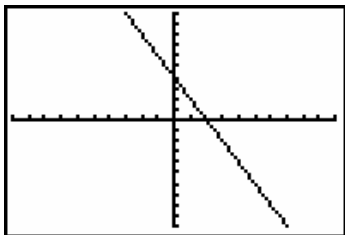


DSPM0800 Chapter 5 Redo Answers

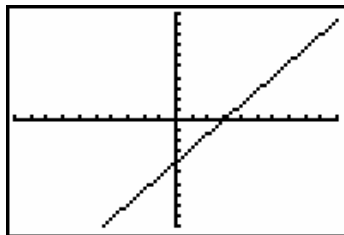
1. Graph includes at least 3 points from the table of values.

Ex. $(-1, 6), (0, 4), (1, 2)$



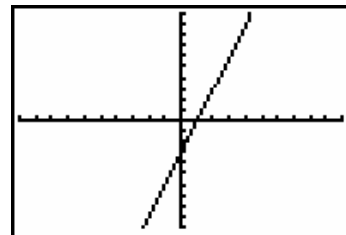
2. Graph includes at least 3 points from the table of values.

Ex. $(-3, 8), (0, -4), (3, 0)$

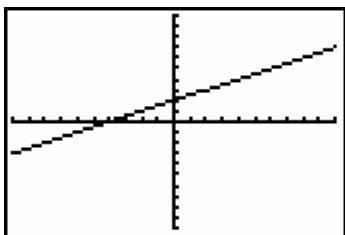


3. Graph includes at least 3 points from the table of values.

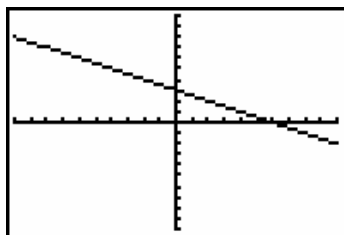
Ex. $(-1, -6), (0, -3), (1, 0)$



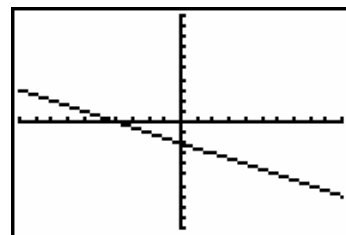
4. Graph should include $(0, 2), (-4, 0)$



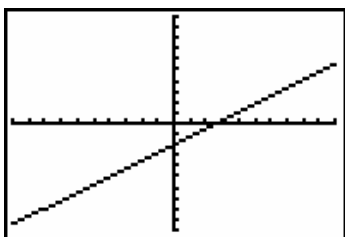
5. Graph should include $(0, 3), (6, 0)$



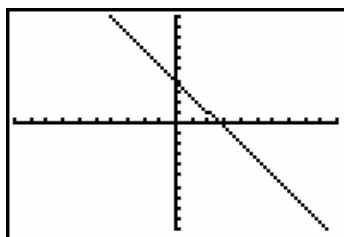
6. Graph should include $(0, -2), (-4, 0)$



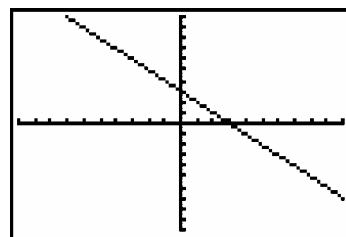
7. Graph should include $(0, -2)$ and at least one other point found using the slope, ex. $(4, 1)$



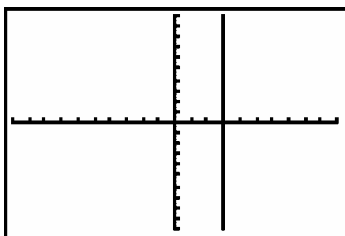
8. Graph should include $(0, 4)$ and at least one other point found using the slope, ex. $(2, 1)$



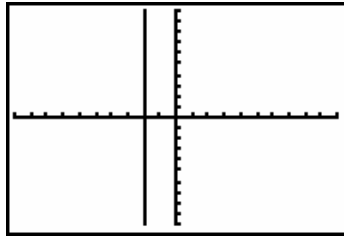
9. Graph should include $(0, 3)$ and at least one other point found using the slope, ex. $(1, 2)$



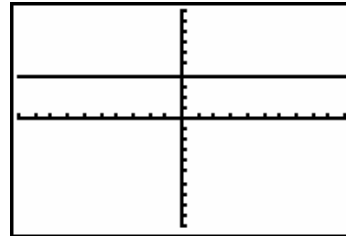
10. $x = 3$



11. $x = -2$



12. $y = 4$



13. $m = -\frac{9}{7}$

14. $m = 5$

15. undefined

16. $m = 0$

17. Parallel

18. Perpendicular

19. Only Intersecting

20. Only Intersecting

21. $m = -\frac{5}{4}, (0, 4)$

22. $m = \frac{2}{9}, (0, -2)$

23. $m = \frac{2}{5}, \left(0, \frac{8}{5}\right)$

24. $m = 1, (0, -5)$

25. $y = -2x + 7$

26. $y = -17x - 56$

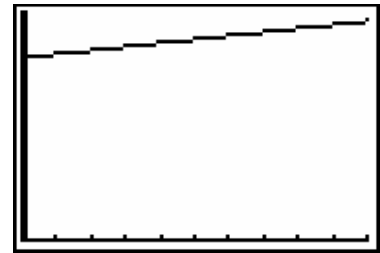
27. $y = 3x - 5$

28. $y = -4x + 5$

29. $y = \frac{8}{7}x - \frac{23}{7}$

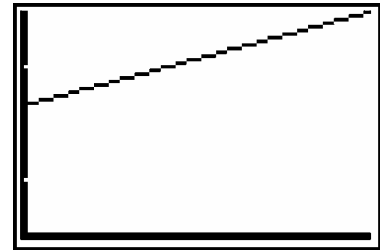
30. $y = 20,000 + 400x,$ 23,200 people lived there 8 years later

Window setting $[0, 10, 1, 0, 25000, 1, 1]$



31. $C(x) = 35 + .10x,$ \$60 for days rental with 250 miles

Window setting $[0, 250, 1, 0, 60, 1, 1]$



32. $y = 6x - 310$ if x represents your speed
 $y = 6x + 20$ if x represents how many miles over the speed limit you are going.

Either way, the fine will be \$92 when traveling 67 miles per hour.