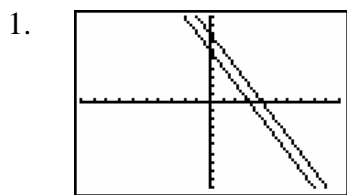
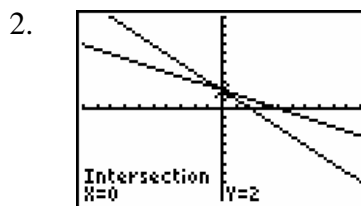


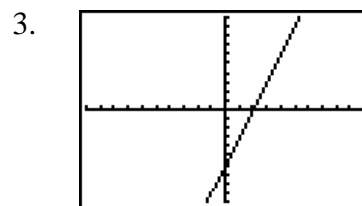
DSPM0800 Chapter 6 Redo Answers



No Solution



Solution is $(0, 2)$



All ordered pairs satisfying $y = 3x - 6$

4. $(-1, 2)$

5. $(-2, 5)$

6. $(0, 1)$

7. $(4, 3)$

8. No solution

9. All ordered pairs satisfying $3x + y = 5$

10. $(-2, 2)$

11. $(-1, 2)$

12. $(4, 14)$

13. No solution

14. No solution

15. $(4, -2)$

16. $\left(\frac{2}{3}, \frac{3}{4}\right)$

17. $(-2, -1)$

18. $(4, 0)$

19. Sarah invests \$500 at 4% interest and \$5500 at 6% interest.

20. Rebecca invested \$700 at 5% interest and \$300 at 6% interest.

21. John invested \$15,000 at 8% interest and \$6000 at 6% interest.

22. The width of the rectangle is 4 meters and the length is 18 meters.

23. There are 3 half dollars and 21 dimes.

24. There are 10 dimes and 5 nickels.

25. There are 12 ounces of the 10% solution and 20 ounces of the 18% solution.

26. There are 81 pounds of gummy bears and 9 pounds of gummy worms.

27. Sarah sold 19 adult tickets and 37 student tickets.

28. Sneakers are \$24 per pair and socks are \$3 per pair.

29. It will take 4.5 hours for the cars to be 495 miles apart.

30. The boat is traveling at a speed of 15 kilometers per hour.

31. The boat is traveling at a speed of 20 miles per hour and the current is at 4 miles per hour.