

## Answers to Substitution Worksheet (7.2 Practice A)

1.  $y = -9x + 7$

2.  $y = 3x - 10$

3.  $x = 4y + 1$

4.  $x = -2y + 3$

5.  $y = x - 4$

6.  $x = 6y + 14$

7-12. Answers vary

13. (1,0)

14. (2,-3)

15. (-1,2)

16. (3,-2)

17. (4,1)

18. (2,2)

19. (6,5)

20. (1,5)

21. (-3,-1)

22. (-1,4)

23. (3,3)

24. (5,-2)

25. Brother drove 360 miles and sister drove 275 miles.

26. a)

b)

c) They sold 48 boxes of popcorn and 24 cans of walnuts.