Isolating *y* in Variable Expressions   Name_____

#2

Date_____ Per_____

Isolate *y* in the following variable expressions.

1. $3 + y = 4x$

2. $3x - y = -6$

3. $9 + y = -8x$

4. $x - y = -3$

5. $-7x - y = -2$

6. $-2x - 2y = -2$

7. $-4x + 2y = -10$

8. $-6x - 3y = 12$

10. $-x + 2y = 0$

Find solutions of each equation. Use −3, 0, 3 as values for x. Use the tables provided to complete the equations.

11. $5y - x = 8$

12. $-9 + y = 2x$

13. $2x + 4 = -2y$

14. $-12x = 4y + 2$

15. $-3y - 6 = -9$

16. $-5x + 5y = 10$

17. $-x - y = 7$

18. $4x + 10 = -2y$

19. $-2y - 4x = 0$

20. $-y = -6x + 0$

21. $3y = 6x + 21$

22. $3x + 7 = -2y$

11.

x	y	(x,y)

17.

x	y	(x,y)

12.

x	y	(x,y)

18.

x	y	(x,y)

13.

x	y	(x,y)

19.

x	y	(x,y)

14.

x	y	(x,y)

20.

x	y	(x,y)

15.

x	y	(x,y)

21.

x	y	(x,y)

16.

x	y	(x,y)

22.

x	y	(x,y)