Algebra 1 Name_____

Linear Forms & Converting to Slope-Intercept

Date_____

Identify the Linear Form of each equation (Slope-Intercept, Point-Slope, or Standard Form).

1) $x - 2y = -10$

2) $y = x + 3$

3) $y + 5 = -(x - 3)$

4) $y - 1 = -(x + 1)$

5) $y + 5 = -\frac{3}{2}(x - 1)$

6) $2x - y = -4$

7) $2x - 3y = 4$

8) $y = -\frac{9}{2}x - 4$

9) $-5 = -4x - 5y$

10) $-10 = 5y + 7x$

Convert each Linear Form to Slope-Intercept Form.

11) $13x + 2y = 12$

12) $2x + y = -6$

13) $x - 3y = 18$

14) $y + 3 = -4(x - 2)$

15) $y + 5 = \frac{1}{2}(x + 1)$

16) $y - 5 = \frac{10}{3}(x - 3)$

17) $-x + y = -1$

18) $-2 - y = -2x$

19) $-2y = 6 - x$

20) $4x + y = 0$

21) $x - 5y = 25$

22) $y - 4 = -(x + 2)$

23) $5y + 7x - 15 = 0$

24) $3x + 7y = 14$