Algebra 1 Name_____

Linear Combinations 4

Date_____ Period____

Solve each system by elimination.

1) $3x - 5y = -18$
$-3x + 4y = 18$

2) $-6x - 5y = 13$
$x + 5y = 2$

3) $-4x + 2y = 0$
$8x - 5y = -8$

4) $-2x + 7y = 2$
$-4x + 14y = 4$

5) $-2x + 9y = -3$
$-7x + 10y = 11$

6) $-25 + 8x = y$
$5 - 10y = 5x$

Answers to Linear Combinations 4 (ID: 1)

1) (−6, 0)
2) (−3, 1)
3) (4, 8)
4) Infinite number of solutions
5) (−3, −1)
6) (3, −1)