Name:

Algebra

Section 9.4

**Solve each system by using multiplication with the addition-or-subtraction method**

1. 3c – 8d = 7 2. 3a + b = 4

c + 2d = -7 a – 2b = 6

3. x + y = 7 4. 4x + 5t = 22

3x – 2y = 11 5x – t = 13

5. 2n + 5a = 14 6. 3p + 4q = 4

6n + 7a = 10 5p + 2q = 16

7. 3t – 8z = 34 8. 2c – 7d = 41

7t + 4z = -34 6c + 5d = -7

9. 4r + 9s = 23 10. 4b + 13c = -24

-7r + 3s = -34 12b – 5c = 16

11. 18a – 5b = 17 12. 3p + 8q = 8

6a + 10b = -6 5p – 2q = 21

13. 4x + 15t = 10 14. 6n + 8c – 4 = 0

3x + 10t = 5 9n + 10c – 7 = 0

15. 6z – 5t + 10 = 0

4z – 7t + 25 = 0