Name:

Algebra

Section 9.3

**Solve by the addition-or-subtraction method**

1. x + y = 7 2. a + b = 5

 x – y = 3 a – b = 7

3. 3n – 2t = 16 4. 3c + 5d = 17

 5n + 2t = 8 3c + 8d = 5

5. 12n + 3m = 18 6. 3a – 5b = 31

 5n + 3m = 4 7a – 5b = 59

7. 6p – 7q = 28 8. 4a – 7b = 13

 -6p + 3q = -12 2a – 7b = 3

9. 2c + 3d = 0 10. -3x + 5y = 45

 5c – 3d = 21 3x + 13y = 9

11. 12p – 18q = 14 12. 9y + 5z = 1

 -15p – 18q = -4 -9y – 10z = 2

13. 21x – 16y = -1 14. -28g + 15h = -18

 33x + 16y = 19 -28g – 40h = -29

15. 0.02x + 0.03y = 9

 0.02x + 0.05y = 13