Homework: WS 6.4 Elimination Algebra 1 Kitt

Name:\_\_\_\_\_­­­\_\_\_\_\_\_\_\_\_\_\_\_­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Period:\_\_\_\_\_\_

**Directions**: *Solve each system by elimination. You must show all work.*

1. 3p + q = 7 2. 2x + 3y = 8 3. 5x + 2y = 16

 2p – q = 3 2x – 3y = 2 3x + 2y = 8

4. 7x – 3y = 13 5. 4p + 3q = 6 6. 4p – q = 15

 4x – 3y = 7 2p – 3q = 12 2p – q = 9

7. x + 4y = 9 8. 4d – 3e = 26 9. x + y = 7

3x + y = 7 d – 3e = 11 x – y = 1

10. 2x + 3y = 3 11. 5x + 3y = 12 12. 3m – 4n = -18 5)

4x + 3y = 1 5m – 4n = -22 x – 3y = -11