Name:

Algebra

Section 5.6

**Write each square as a trinomial**

1. (z + 8)2 2. (p – 10)2

3. (6c – 1)2 4. (3y – 8)2

5. (4u + 7v)2 6. (5a – 8z)2

7. (pq – 4)2 8. (-6rs + s2)2

9. (-13u + v2)2 10. (-11t2 – 2)2

**Decide whether each trinomial is a perfect square**

**If it is, factor it. If it is not, write not a perfect square.**

11. x2 – 4x + 4 12. a2 + 16a + 64

13. 144 + 12y + y2 14. 9 + 16c2 – 24c

15. 49a2 + 28ab + 4b2 16. 9u2 + 30uv + 100v2