Name:

Algebra

Section 5.5

**Write each product as a binomial**

1. (m + 8)(m – 8) 2. (9 – w)(9 + w)

3. (8x – 11)(8x + 11) 4. (7 + 2a)(7 – 2a)

5. (4w + 6z)(4w – 6z) 6. (7p + 5q)(7p – 5q)

7. (2x + n2)(2x – n2) 8. (3m2 – 8n2)(3m2 + 8n2)

9. (xy + 3z)(xy – 3z)

**Factor**

10. m2 – 25 11. 9a2 – 100

12. 16x2 – 9 13. 81n2 – 121

14. 144 – y2 15. 64u2 – 25v2

16. 625x4 - 1