

SCORE

12

Name: _____

Class: _____

Hour: _____

Algebra 1B Homework Check (8-5)

(Please attach homework to this sheet and fill out the questions below.)

Pg. 562: 1-6. 8-13

Determine whether each trinomial is a perfect square. If so, factor.

If not, explain.

1. $x^2 - 4x + 4$

2. $x^2 - 4x - 4$

3. $9x^2 - 12x + 4$

4. $x^2 + 2x + 1$

5. $x^2 - 6x + 9$

6. $x^2 - 6x - 9$

Determine whether each binomial is a difference of two squares. If so, factor.

If not, explain.

8. $1 - 4x^2$

9. $s^2 - 4^2$

10. $81x^2 - 1$

11. $4x^4 - 9y^2$

12. $x^8 - 50$

13. $x^6 - 9$