Algebra 1B
Semester 1 Final Study Guide

Complete each part on the designated day in your Study Guide Packet.

Problems must be written out, numbered, show work, and have final answer boxed for credit.

Part 6

Factor the following:

1. $x^2 - 9x + 14$

2. $a^2 - 9a - 36$

3. $x^2 + 2x - 15$

4. $n^2 - 8n + 15$

5. $b^2 + 22b + 21$

6. $c^2 + 2c - 3$

7. $3x^2 - 75$

8. $4p^2 + 12pr + 9r^2$

9. $6a^2 + 72$

10. $s^2 + 30s + 225$

11. $24x^2 + 24x + 9$

12. $1 - 10z + 25z^2$

13. $28 - 63b^2$

14. $4c^2 + 2c - 7$