

Name: _____
Period: _____

Review Units 12 & 13
Basic Skills Algebra

Factor.

1. $b^2 - b - 72$

2. $v^2 - 12v + 35$

3. $6b^2 - 11b - 2$

4. $10x^2 + 17x + 6$

5. $x^2 - 9$

6. $9b^2 - 1$

7. $4y^2 - 12y + 9$

8. $9z^2 + 12z + 4$

Solve by factoring.

9. $y^2 - y - 2 = 0$

10. $6d^2 + 27d + 30 = 0$

Solve by square roots.

11. $4y^2 - 12 = 36$

12. $-3x^2 + 16 = -32$

Solve by the quadratic formula.

13. $x^2 + x = 4$

14. $-5x^2 + 5x + 5 = 0$