

Algebra

Name: _____

Ch 9 Factoring Review Worksheet

Factor each polynomial completely. Check your work.

1. $c^2 + 6c + 9$

2. $x^2 - 11x + 18$

3. $8a^3 - 12a^2 + 6a - 9$

4. $y^2 - 18y + 81$

5. $g^2 - 2g - 24$

6. $3x^2 - 14x + 11$

7. $y^2 - y - 72$

8. $2c^2 + 20c + 50$

9. $a^2 - 2ab + b^2$

Factor each polynomial completely. Check your work.

10. $12x^4 - 16x^3 + 3x^2 - 4x$

11. $p^2 - 100$

12. $6t^2 + 13t - 63$

13. $9y^2 - 48y - 36$

14. $5m^2 - 45$

15. $10p^3 - 25p^2 + 4p - 10$