

9-4 Factoring Out the GCF

Name: _____

Time> Start: _____ Finish: _____

Total Time = _____

Factor completely. Put your answer in the blank to the left of the question.

1. $6n + 8y$

2. $5n^3 + 15n^2$

3. $12ab^2 - 14a^2b^3$

4. $5ch + 7c^2h^3$

5. $6x^2 - 8x + 10$

6. $10y^3 + 25y^4$

7. $4a^2b^3c + 6a^3b^2c^2$

8. $4x^3 - 6x^2 - 10x$

9. $12x^5 + 8x^3 + 16x^2$

10. $a^3b^2c^2d^3 + a^2bc^4d^2$

11. $3x^7 + 6x^5 + 9x^4$

12. $2x^4y^3 + 6x^3y^3$

13. $5xy^2 - 15xy^3$

14. $100a^2b^3 + 200ab^4$

15. $3x^4 + 5x^3 - 2x^2 - x$