

Greatest
Common
Factor

Factoring Review

Factor out the **GCF** from each of the terms in the following polynomials.

1. $6a^3 + 15a^1$

8. $x^2y^4 - x^2y - 4x^2$

2. $32b^2 + 12b$

9. $a^5 + a^2$

3. $12a^5b^2 + 16a^4b$

10. $-3x^2y - 9xy + 12y$

4. $-9x^2 + 18y^4$

11. $25x^5 + 30x^3 - 15x^2$

5. $-7x^2 - 15y$

12. $20a^5b^3 + 30a^3b^2 - 40a^2b^3$

6. $y^4 - 3y^2 - 2y$

13. $-4x^6 + 16x^{10} + 64x^{12}$

7. $2x^5 + 3x^4 - 4x^2$

14. $4xy + 8x^2y - 24x^4y^5$