

Algebra I
Greatest Common Factor (GCF)

Name _____

Factor out the greatest common monomial factor

1. $10x - 10y$

10. $9x^2 - 21y$

2. $8x^2 + 20y$

11. $4m^3 + 24m$

3. $18a^2 - 6b$

12. $10p^2q - 5pq^2$

4. $4x^2 - 4x$

13. $6x^3y + 9y^2$

5. $r^2 + 2rs$

14. $35a^2b^2 - 5ab$

6. $2m^2 + 6mn$

15. $12m^2n - 8mn^2$

7. $5p^2q + 10q$

16. $w^4 - 2w^3 + w$

8. $9a^5 + a^3$

17. $-3p^4 + 15p^2 + 6p$

9. $6w^3 - 14w^2$

18. $8r^5 - 20r^4 - 12r^2$