

Factor. If the polynomial cannot be factored, write prime.

1. $3y^2 + 12y$	2. $6mn - 15m^2$
3. $5n - n^2$	4. $12x^2y^2 - 8xy^3$
5. $4x^2y - 6xy^2$	6. $24x + 48y$
7. $55p^2 - 11p^3 + 44p^4$	8. $14c^2 - 42c^3 - 49c^5$
9. $14y^3 - 28y^2 + y$	10. $9x^3 - 3x$
11. $45a^4 - 30a^2$	12. $18ab^2 - 4ab + 7a^2b$

13. $24xy - 3x$	14. $x^5y - x^2$
15. $3c^2d - 6c^2d^2$	16. $5a - 10a^2 - 4ab$
17. $10g - 15g^2$	18. $8rst + 8rs^2$
19. $9x^2 + 36x$	20. $15xy^3 + 12y^4$
21. $3x^3y - 9xy^2 + 36xy$	22. $12ax + 20bx + 32cx$
23. $28a^2b^2c^2 + 21a^2bc^2 - 14abc$	24. $20abc + 15a^2c - 5bc$