

Name: _____

Date: _____

**More Practice in Complete Factoring
Algebra 1 Classwork and Homework**

Completely factor each of the following polynomials.

1. $3x^2 - 48$

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

3. $10x^2 + 60x - 70$

4. $8x^2 + 32x$

5. $x^4 - 4x^2$

6. $3y^3 - 6y^2 - 105y$

7. $3x^2 - 75$


8. $3x^3 + 27x$

9. $4x^2 - 8x - 60$

10. $14x^2 + 7x$


11. $6x^2 + 24x + 24$

12. $405y - 5y^3$



13. $8x - 24$

14. $y^4 - 4y^3 - 32y^2$




15. $3x^3 - 3x$

16. $9x^2 + 18x$


17. $2x^3 - 20x^2 + 42x$

18. $5x^2 - 5y^2$



19. $8x^3 - 72x$

20. $12x^2 - 147$



21. $200x - 2x^3$

22. $5x^2 - 35x - 150$

23. $2x^3 + 16x^2 + 30x$

24. $6x^2 - 3x$

25. $2x^2 + 8x - 42$

26. $4t^3 - 36t$

