

Factoring Practice

Completely factor the following.

1. $2 - 8x^2$

2. $x^2 + 5x + 4$

3. $4x^2 - 8x + 32$

4. $x^2 + 12x + 60$

5. $3x^2 - 12x - 36$

6. $3y^3 - 18y^2 - 48y$

7. $6x^2 + 8x + 2$

8. $x^4 - 1$

9. $x^7 - x^5$

10. $9x^2 - 24x + 16$

11. $4x^2 - 16x + 15$

12. $4 - 14x^2 - 8x^4$

13. $x^3 + 2x^2 - x - 2$

14. $x^3 - 3x^2 - x + 3$

15. $x^4 - x^3 + x - 1$

16. $x^4 + x^3 + x + 1$



$$17. x^3 - 1$$

$$18. x^3 + 8$$

$$19. 64x^3 - 27$$

$$20. 125 + 8x^3$$

$$21. 6x^3 + 15x^2 - 9x$$

$$22. 50x - 8x^3$$