Expand completely.

1. $(x + 5)^4$

2. $(x - 3)^5$

3. $(2x + 1)^3$

4. $(3x - 2)^5$

Find the specified term.

5. $(x + 4)^7$; 7th term

6. $(x - 2)^5$; 3rd term

7. $(2x + 3)^4$; 2nd term

8. $(3x - 4)^5$; 6th term

Simplify.

9. $(x^3 + 4x - 2x^2) + (4x^2 - 3x^3 + 8)$

10. $(3x^2 - 4x + 5) - (8x^3 - 2x^2 + 4x - 6)$

11. $3x(2x^2 - 4x + 5)$

12. $(x - 4)(2x^2 + x - 1)$

13. $(x - 5)(x + 1)(2x + 3)$

14. $(2x^2 - 4x + 1)(x^2 + 3x - 5)$