

## Simple Factoring

Factor.

$$1. x^2 + 5x + 6 = (x + 2)(x + 3)$$

$$2. x^2 + 9x + 20 = (x + 4)(x + 5)$$

$$3. x^2 + 7x + 6 = (x + 6)(x + 1)$$

$$4. x^2 + 10x + 21 = (x + 7)(x + 3)$$

$$5. x^2 + 15x + 56 = (x + 7)(x + 8)$$

$$6. x^2 + 3x + 2 = (x + 2)(x + 1)$$

$$7. x^2 + 8x + 16 = (x + 4)(x + 4)$$

$$8. x^2 + 2x + 1 = (x + 1)(x + 1)$$

$$9. x^2 + 7x + 12 = (x + 4)(x + 3)$$

$$10. x^2 + 13x + 42 = (x + 6)(x + 7)$$

$$11. x^2 + 5x + 4 = (x + 4)(x + 1)$$

$$12. x^2 + 14x + 45 = (x + 9)(x + 5)$$

$$13. x^2 + 6x + 9 = (x + 3)(x + 3)$$

$$14. x^2 + 6x + 5 = (x + 5)(x + 1)$$

$$15. x^2 + 10x + 24 = (x + 6)(x + 4)$$

$$16. x^2 + 4x + 4 = (x + 2)(x + 2)$$

$$17. x^2 + 8x + 7 = (x + 7)(x + 1)$$

$$18. x^2 + 12x + 36 = (x + 6)(x + 6)$$

$$19. x^2 + 9x + 18 = (x + 3)(x + 6)$$

$$20. x^2 + 16x + 63 = (x + 9)(x + 7)$$

$$21. x^2 + 10x + 16 = (x + 8)(x + 2)$$

$$22. x^2 + 12x + 27 = (x + 9)(x + 3)$$

$$23. x^2 - 6x + 8 = (x - 4)(x - 2)$$

$$24. x^2 - 11x + 30 = (x - 5)(x - 6)$$

$$25. x^2 - 3x + 2 = (x - 1)(x - 2)$$

$$26. x^2 - 9x + 8 = (x - 8)(x - 1)$$

$$27. x^2 - 13x + 36 = (x - 9)(x - 4)$$

$$28. x^2 - 15x + 56 = (x - 7)(x - 8)$$

$$29. x^2 - 8x + 16 = (x - 4)(x - 4)$$

$$30. x^2 - 8x + 12 = (x - 6)(x - 2)$$

$$31. x^2 - 12x + 27 = (x - 9)(x - 3)$$

$$32. x^2 - 17x + 72 = (x - 8)(x - 9)$$

$$33. x^2 - 11x + 28 = (x - 4)(x - 7)$$

$$34. x^2 - 6x + 9 = (x - 3)(x - 3)$$