

Factor each quadratic:

1. $x^2 - 7x = (x - 7)x$
2. $x^2 - 14x + 45 = (x - 5)(x - 9)$
3. $x^2 + 2x - 63 = (x + 9)(x - 7)$
4. $x^2 - 16x + 63 = (x - 7)(x - 9)$
5. $x^2 + 5x - 24 = (x + 8)(x - 3)$
6. $x^2 + x - 6 = (x + 3)(x - 2)$
7. $x^2 + 20x + 100 = (x + 10)^2$
8. $x^2 - 7x - 8 = (x + 1)(x - 8)$
9. $x^2 - x - 30 = (x + 5)(x - 6)$
10. $x^2 + 2x - 3 = (x + 3)(x - 1)$
11. $x^2 + 7x - 30 = (x + 10)(x - 3)$
12. $x^2 - x - 6 = (x + 2)(x - 3)$
13. $x^2 + x - 72 = (x + 9)(x - 8)$
14. $x^2 - 7x - 18 = (x + 2)(x - 9)$
15. $x^2 + x - 2 = (x + 2)(x - 1)$
16. $x^2 - 4x - 21 = (x + 3)(x - 7)$
17. $x^2 + 15x + 56 = (x + 8)(x + 7)$
18. $x^2 + x - 90 = (x + 10)(x - 9)$
19. $x^2 - 8x - 9 = (x + 1)(x - 9)$
20. $x^2 - 10x + 21 = (x - 3)(x - 7)$