

Factoring Trinomials with Leading Coefficient = 1: Fourth Attempt

Unit 2A: Quadratic Functions – Representations

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|---------------------|---------------------|
| 1. $v^2 + 10v + 9$ | 2. $k^2 - 6k + 36$ |
| 3. $x^2 - 12x + 27$ | 4. $-k^2 - 4k + 45$ |
| 5. $v^2 + 4v - 32$ | 6. $a^2 - 2a + 1$ |
| 7. $x^2 - 13x + 30$ | 8. $n^2 + 6n - 40$ |
| 9. $x^2 + 19x + 90$ | 10. $n^2 - 3n - 10$ |

11. $2n^2 - 30n + 100$

12. $4x^2 + 48x + 108$

13. $4k^2 - 44k + 120$

14. $6b^2 + 90b + 324$

15. $-3m^2 + 24m + 60$

16. $6n^2 - 30n - 144$

17. $-5v^2 + 5v + 100$

18. $-6x^2 - 18x + 108$

19. $6x^2 - 42x + 84$

20. $2m^2 + 8m - 64$