

Factoring: Difference of Squares and Perfect Square Trinomials

Unit 2A: Quadratic Functions – Representations

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| 1. $b^2 - 289$ | 2. $m^2 - 484$ |
| 3. $x^2 - 1225$ | 4. $x^2 - 1681$ |
| 5. $-3k^2 + 2883$ | 6. $5b^2 - 3380$ |
| 7. $4n^2 - 36$ | 8. $324r^2 - 49$ |
| 9. $900x^2 - 2025$ | 10. $81n^2 - 1849$ |

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|------------------------|---------------------------|
| 11. $n^2 - 6n + 9$ | 12. $b^2 + 22b + 121$ |
| 13. $m^2 + 28m + 196$ | 14. $m^2 - 38m + 361$ |
| 15. $2x^2 + 84x + 882$ | 16. $5v^2 - 170v + 1445$ |
| 17. $x^2 - 12x + 36$ | 18. $3p^2 + 90p + 675$ |
| 19. $n^2 - 84n + 1764$ | 20. $4k^2 + 576k + 20736$ |