



MAth on the Fly!



NAME: _____ DATE: _____

Factoring Basic Trinomials ($x^2 + Bx + C$)

Factor each trinomial.

1. $x^2 + 4x + 3$ 2. $y^2 + 3y - 10$ 3. $a^2 - 2a - 24$

4. $p^2 - 13p - 30$ 5. $x^2 + 18x + 81$ 6. $y^2 + 10y - 11$

7. $c^2 - 6c - 16$ 8. $a^2 - 12a + 35$ 9. $b^2 + 6b - 27$

10. $w^2 - 12w + 36$ 11. $x^2 + x - 20$ 12. $u^2 + 7u - 30$

13. $y^2 + 11y + 24$ 14. $x^2 - x - 6$ 15. $d^2 - 5d - 24$

16. $x^2 - 17x + 66$ 17. $a^2 + 9a + 20$ 18. $e^2 + 13e - 48$

SOLUTIONS

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

2. $(y + 5)(y - 2)$

3. $(a - 6)(a + 4)$

4. $(p - 15)(p + 2)$

5. $(x + 9)(x + 9)$

6. $(y + 11)(y - 1)$

7. $(c - 8)(c + 2)$

8. $(a - 7)(a - 5)$

9. $(b + 9)(b - 3)$

10. $(w - 6)(w - 6)$

11. $(x + 5)(x - 4)$

12. $(u + 10)(u - 3)$

13. $(y + 8)(y + 3)$

14. $(x - 3)(x + 2)$

15. $(d - 8)(d + 3)$

16. $(x - 11)(x - 6)$

17. $(a + 5)(a + 4)$

18. $(e + 16)(e - 3)$