

Solving Equations with Factoring Worksheet

Solve each equation by factoring.

1. $(k+1)(k-5) = 0$

2. $(a+1)(a+2) = 0$

3. $(4k+5)(k+1) = 0$

4. $(2m+3)(4m+3) = 0$

5. $x^2 - 11x + 24 = 0$

6. $n^2 + 7n + 10 = 0$

7. $n^2 - 10n + 24 = 0$

8. $n^2 + 3n - 12 = 6$

9. $x^2 + 11x + 35 = 7$

10. $t^2 - 5t - 44 = -8$

11. $n^2 + 8n = -15$

12. $7r^2 - 14r = -7$

13. $5x^2 - 44x + 120 = -30 + 11x$

14. $b^2 + 5b - 35 = 3b$

15. $3r^2 - 16r - 7 = 5$

16. $7k^3 - 6k + 3 = 3$