

8-6 Solving Quadratic Equations, when a = 1

Solve each equation by factoring. You must show ALL your work. (1 pt for the correct answer(s) + 2 pts for work = 3 pts total each)

1. $x^2 - 6x + 8 = 0$

2. $b^2 - 7b + 12 = 0$

3. $m^2 + 5m + 6 = 0$

4. $d^2 + 7d + 10 = 0$

5. $y^2 - 2y - 24 = 0$

6. $p^2 - 3p = 18$

7. $h^2 + 2h = 35$

8. $a^2 + 14a = -45$

9. $n^2 - 36 = 5n$

10. $w^2 + 30 = 11w$