

Use factoring or the quadratic formula to solve each equation.

1. $v^2 + 2v - 8 = 0$

2. $2a^2 - a - 13 = 2$

3. $b^2 - 4b - 12 = 0$

4. $8n^2 - 4n = 18$

5. $10x^2 + 9 = x$

6. $3a^2 = 6a - 3$

7. $14m^2 + 1 = 6m^2 + 7m$

8. $n^2 = 9n - 20$

9. $9x^2 - 6x - 11 = 0$

10. $4a^2 - 8 = a$