

Factoring Quadratics

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Factor each completely.

1) $x^2 - 11x + 10$

2) $x^2 - 9x + 18$

3) $b^2 + b - 72$

4) $n^2 + 2n - 15$

5) $7x^2 + 60x + 32$

6) $2x^2 - x - 28$

7) $9v^2 - 1$

8) $a^2 - 9$

9) $4x^2 + 20x + 25$

10) $9x^2 - 24x + 16$

Solve each equation by factoring.

11) $a^2 + 2a - 48 = 0$

12) $3x^2 + 8x - 3 = 0$