

# Factoring Trinomials

Factor each trinomial equation. Example:  $x^2 - 8x + 12 = (x - 6)(x - 2)$

1.  $x^2 - 12x + 36 =$

2.  $x^2 + 24x + 144 =$

3.  $x^2 - 16x - 36 =$

4.  $x^2 - 9x - 22 =$

5.  $x^2 + 18x + 32 =$

6.  $x^2 - x - 56 =$

7.  $6x^2 + 7x + 2 =$

8.  $3x^2 + 2x - 16 =$

9.  $6x^2 - 5x - 4 =$

10.  $15x^2 - x - 2 =$

11.  $18x^2 + 9x + 1 =$

12.  $20x^2 + 13x + 2 =$

13.  $5x^2 - 26x + 5 =$

14.  $x^2 - 9x - 10 =$