

# Factoring: *Trinomials of the form $x^2+bx+c$* *(Trinomials part 1)*

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Notice that every “last” number is either +6 or -6. This exercise will help you focus on your signs. Factor the trinomials completely.

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

5.  $x^2 - 7x + 6$

2.  $x^2 - 5x + 6$

6.  $x^2 - 5x - 6$

3.  $x^2 - x - 6$

7.  $x^2 + 5x + 6$

4.  $x^2 + 5x - 6$

8.  $x^2 + x - 6$

**ANSWERS:**

1.  $(x+6)(x+1)$

3.  $(x+2)(x-3)$

5.  $(x-1)(x-6)$

7.  $(x+2)(x+3)$

2.  $(x-2)(x-3)$

4.  $(x+6)(x-1)$

6.  $(x+1)(x-6)$

8.  $(x-2)(x+3)$