

## Factoring Trinomials (a = 1)

Date \_\_\_\_\_ Period \_\_\_\_\_

Factor each completely.

1)  $b^2 + 8b + 7$

$$(b + 7)(b + 1)$$

2)  $n^2 - 11n + 10$

$$(n - 10)(n - 1)$$

3)  $m^2 + m - 90$

$$(m - 9)(m + 10)$$

4)  $n^2 + 4n - 12$

$$(n - 2)(n + 6)$$

5)  $n^2 - 10n + 9$

$$(n - 1)(n - 9)$$

6)  $b^2 + 16b + 64$

$$(b + 8)^2$$

7)  $m^2 + 2m - 24$

$$(m + 6)(m - 4)$$

8)  $x^2 - 4x + 24$

Not factorable

9)  $k^2 - 13k + 40$

$$(k - 5)(k - 8)$$

10)  $a^2 + 11a + 18$

$$(a + 2)(a + 9)$$

11)  $n^2 - n - 56$

$$(n + 7)(n - 8)$$

12)  $n^2 - 5n + 6$

$$(n - 2)(n - 3)$$

# Factoring Trinomials Special Cases Worksheet

**S Nieto**



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