

Name: \_\_\_\_\_ Period: \_\_\_\_\_ Date: \_\_\_\_\_

## Factoring $x^2 + bx + c$ Bell Work

Factor the following polynomials in  $x^2 + bx + c$  form.

1.  $x^2 - 16x + 64$

2.  $y^2 - 12y + 20$

3.  $a^2 - 3a - 4$

4.  $a^2 + 5a - 24$

5.  $x^2 + 7x - 30$

6.  $y^2 - 14y - 72$

7.  $b^2 + 3b + 2$

8.  $d^2 - 6d + 5$

9.  $y^2 + 9y - 22$

10.  $a^2 - 13a + 36$