

## Quadratic Factoring

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

**Factor each completely.**

1)  $r^2 + 8r + 16$

2)  $v^2 + 6v + 9$

3)  $p^2 + 10p + 25$

4)  $x^2 + 4x + 4$

5)  $m^2 - 8m + 16$

6)  $n^2 - 6n + 9$

7)  $x^2 + 2x + 1$

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

## Quadratic Factoring

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

**Factor each completely.**

1)  $r^2 + 8r + 16$

$(r + 4)^2$

2)  $v^2 + 6v + 9$

$(v + 3)^2$

3)  $p^2 + 10p + 25$

$(p + 5)^2$

4)  $x^2 + 4x + 4$

$(x + 2)^2$

5)  $m^2 - 8m + 16$

$(m - 4)^2$

6)  $n^2 - 6n + 9$

$(n - 3)^2$

7)  $x^2 + 2x + 1$

$(x + 1)^2$

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

$(n - 2)^2$