

## GCF Factoring

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

**Factor the common factor out of each expression.**

1)  $80n - 90$

2)  $-90n^2 + 80$

3)  $4k^2 + 2k$

4)  $14a + 7$

5)  $30n^4 - 18n - 60$

6)  $-27v^4 - 18v^3 - 9v^2$

7)  $40m^4 - 56m^2 + 80m$

8)  $-72r + 40r^2 + 56r^3$

## GCF Factoring

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

**Factor the common factor out of each expression.**

1)  $80n - 90$

$10(8n - 9)$

3)  $4k^2 + 2k$

$2k(2k + 1)$

5)  $30n^4 - 18n - 60$

$6(5n^4 - 3n - 10)$

7)  $40m^4 - 56m^2 + 80m$

$8m(5m^3 - 7m + 10)$

2)  $-90n^2 + 80$

$10(-9n^2 + 8)$

4)  $14a + 7$

$7(2a + 1)$

6)  $-27v^4 - 18v^3 - 9v^2$

$-9v^2(3v^2 + 2v + 1)$

8)  $-72r + 40r^2 + 56r^3$

$8r(-9 + 5r + 7r^2)$