

## Warm-Ups - More Complex Factoring - Post Break Refresher

Period \_\_\_\_\_

**Factor each completely.**

1)  $5n^4 + 33n^3 - 56n^2$

2)  $35k^2 + 225k + 90$

**Factor Completely.**

3)  $y = x^6 + x^4 - 16x^2 - 16$

4)  $y = x^8 - 20x^4 + 64$

**Find all zeros.**

5)  $f(x) = 3x^4 + 17x^2 + 20$

6)  $f(x) = 16x^8 - 145x^4 + 9$