

## Factoring Pre-Assessment

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

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

1)  $4x^4 + 8x$

2)  $24k^2 - 8k + 40$

**Factor each completely.**

3)  $n^2 - 16$

4)  $9x^2 - 25$

5)  $x^2 - 10x + 25$

6)  $k^2 - 6k - 27$

7)  $7x^2 + 22x - 24$

8)  $3x^2 + 14x - 24$

9)  $14p^2 - 44p + 32$

10)  $12n^2 + 64n + 84$