

## Factoring Review

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

**Factor each completely.**

1)  $20x^3 + 12x^2$

2)  $5k^2 - 18k + 9$

3)  $12k^2 + 28k - 40$

4)  $3x^4 + 14x^3 - 5x^2$

5)  $4n^2 - 25$

6)  $m^2 - 16$

7)  $25k^2 - 16$

**Solve each equation by factoring.**

8)  $3v^2 = 16 + 8v$

9)  $7r^2 + 3r = 4$

10)  $12k^2 = 12 - 18k$