

## 10-3 Factoring Polynomials Part 3

Name: \_\_\_\_\_

Time> Start: \_\_\_\_\_ Finish: \_\_\_\_\_

Total Time = \_\_\_\_\_

**Factor each polynomial completely. Every one of them needs the GCF taken out first before breaking them into the product of two binomials.**

\_\_\_\_\_ 1.  $2x^2 + 16x - 40$

\_\_\_\_\_ 2.  $3x^2 - 24x + 36$

\_\_\_\_\_ 3.  $5x^2 - 10x - 40$

\_\_\_\_\_ 4.  $10x^2 + 30x + 20$

\_\_\_\_\_ 5.  $4x^2 + 20x + 16$

\_\_\_\_\_ 6.  $2x^2 + 6x - 20$

\_\_\_\_\_ 7.  $2x^2 + 2x - 40$

\_\_\_\_\_ 8.  $2x^2 - 18$

\_\_\_\_\_ 9.  $3x^2 + 9x - 30$

\_\_\_\_\_ 10.  $2x^2 + 16x - 18$

\_\_\_\_\_ 11.  $x^3 - 6x^2 + 8x$

\_\_\_\_\_ 12.  $5x^3 + 15x^2 + 10x$

\_\_\_\_\_ 13.  $3x^2 - 12$

\_\_\_\_\_ 14.  $2x^3 - 10x^2 - 28x$

\_\_\_\_\_ 15.  $8x^2 + 8x - 16$