Math II 6-3 GCF Factoring Homework

NAME\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_PERIOD\_\_\_\_\_\_\_\_\_\_\_\_SCORE\_\_\_\_\_\_\_

Factor by using the GCF.

1. 3x4y5 + 6x5y3 – 9x3y3 2. 10c2d5 – 16c3d4 + 12c4d3

**Factor out the Greatest Common Binomial Factor.**

**3. 2(x – 8) + m(x – 8) 4. -7x(y – 3) + 7(y – 3)**

**5. 3r(4m + 9) – 2w(4m+9) 6. 3x(m – 1) – 1(m – 1)**

**Factor by grouping.**

7.  8. 

9.  10. 