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

**Adding and Subtracting Polynomials Homework**

*Find the degree of each monomial.*

1. 3x 2.) 8a3 3.) 20 4.) 2a8c2

*Simplify.*

5.) 12p2 + 8p2 6.) 2m3n3 + 9m3n3 7.) x3 – 9x3 8.) 7x2 – 2x2

9.) (4w – 5) + (9w + 2) 10.) (2k2 – k + 3) + (5k2 + 3k – 7) 11. (2g4 – 3g + 9) + (-g3 + 12g)

12.) (5n – 2) – (3n + 8) 13.) (2c2 + 7c – 1) – (c2 – 10c +4) 14.) (-6w4 + w2) – (-2w3 + 4w2 – w)