Homework 6.2 – Multiplying Polynomials Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Simply the following polynomials by adding or subtracting.

1. $-7x\left(5x^{2}+3x\right)$ 2. $\frac{2}{3}x\left(3x^{2}-6x+12\right)$

3. $\left(x-2\right)(3x+8)$ 4. $(-3x+1)(2x-4)$

5. $\left(\frac{2}{3}x+\frac{1}{3}\right)\left(\frac{4}{3}x+\frac{2}{3}\right)$

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