**2.4/2.5 – Exponent Laws with Order of Operations**

Ex. 1: Simplify, then evaluate each expression.

1. (–6)2 + (–6)3 ÷ (–6)2 (b) (–10)4[(–10)6 ÷ (–10)4] – 107

(c) (42 × 43)2 – (54 ÷ 52)2 (d) [(-2)3]2 + $\left(\frac{3^{8}}{3^{6}}\right)^{2}$

Assignment: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_