

Name \_\_\_\_\_

Math 94 In-class Exercise 19 [Section 5.1]

Simplify:

1a)  $x^2 \cdot x^5$

(b)  $\frac{4y^8}{2y^3}$

2.  $(-2x^2y^3)^2$

3.  $\frac{20x^4}{5xy^9}$

4.  $\left(\frac{4x^4}{8x^8}\right)^4$

5.  $(3x^6)^2(4xy^8)$