Directions: Simplify the following exponential expressions.

#1 $(x^{2})^{0}=$ \_\_\_\_\_\_\_\_\_\_\_\_ #2 $x^{0}$·$x^{4}=$\_\_\_\_\_\_\_\_\_\_\_\_

#3 $\frac{y^{2}}{y^{0}}=$\_\_\_\_\_\_\_\_\_\_\_\_ #4 $\left(\frac{x}{y}\right)^{0}=$\_\_\_\_\_\_\_\_\_\_\_\_

#5 $ (xy^{-3})^{2}=$\_\_\_\_\_\_\_\_\_\_\_\_ #6 $\frac{5x^{7}}{x^{-3}}=$\_\_\_\_\_\_\_\_\_\_\_\_

#7 $\frac{x^{-2}}{x^{4}}=$\_\_\_\_\_\_\_\_\_\_\_\_ #8 $\frac{x^{-2}}{x^{-3}}=$\_\_\_\_\_\_\_\_\_\_\_\_