

**8-2 Skills Practice*****Dividing Monomials***

**Simplify. Assume that no denominator is equal to zero.**

1.  $\frac{6^5}{6^4}$

2.  $\frac{9^{12}}{9^8}$

3.  $\frac{x^4}{x^2}$

4.  $\frac{r^3s^2}{r^3s^4}$

5.  $\frac{m}{m^3}$

6.  $\frac{9d^7}{3d^6}$

7.  $\frac{12n^5}{36n}$

8.  $\frac{w^4u^3}{w^4u}$

9.  $\frac{a^3b^5}{ab^2}$

10.  $\frac{m^7n^2}{m^3n^2}$

11.  $\frac{-21w^5u^2}{7w^4u^5}$

12.  $\frac{32x^3y^2z^5}{-8xyz^2}$