

## HW #7 Dividing Powers

Date \_\_\_\_\_ Period \_\_\_\_\_

**Simplify. Your answer should contain only positive exponents.**

1)  $\frac{2n}{2n^2}$

2)  $\frac{4v^3}{v}$

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

4)  $\frac{3p^2}{p}$

5)  $\frac{4x^2}{x^3}$

6)  $\frac{4x^2}{4x^3}$

7)  $\frac{x^8 y^4}{6x^2 y^2}$

8)  $\frac{5x^7 y^7}{7x^9 y^9}$

9)  $\frac{9a^4 b^{10}}{10a^{-5} b^{-10}}$

10)  $\frac{4x^{-3} y^9}{3x^0}$

11)  $\frac{7x^{-8} y^8}{8yx^9}$

12)  $\frac{2m^{-5} n^{-10}}{nm^{-2}}$