**Properties of Exponents** Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Homework Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class: \_\_\_\_\_\_\_\_\_\_

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

1) *n*⋅*n*− 2) *a**b*⋅*a*−*b*−

3) *x**y*−⋅*x**y* 4) (*r*)

5) (*b*)6) (*x**y*)

7) 8) 

9)  10) 