

Name: \_\_\_\_\_ Date: \_\_\_\_\_

**Exponent Review**

1.  $(4a^2)(a^3)(3a^6)$

2.  $(e^{2f^4})(ef)^2$

3.  $(y^2z)(yz^{-4})$

4.  $(10^2)^{-3}$

5.  $\left((4^2)^2\right)^2$

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

7.  $\frac{10x^4y^8}{22x^2y}$

8.  $(-6p)^2$

9.  $(4g^3h)(-2g)^5$

10.  $(2ab^2c^2)(4a^3b^2c^2)$

11.  $-6(x^2y^3)^4$

12.  $\frac{14g^{-5}h^{-2}j^6}{28g^{-7}h^4j^{-1}}$

13.  $-\frac{3r}{5}(15r^2)$

14.  $\frac{(x^4y)(xy^7)}{x^5y^{11}}$

15.  $\left(\frac{1}{4}cd^{-3}\right)^{-2}$

16.  $\frac{(2m^4n)^3}{-10m^8n^3}$