

9-6 Simplifying Polynomials

Name _____ Per. ____

Simplify each expression. Use only positive exponents in your final answer.

1.
$$\frac{2x^4y^{-4}z^{-3}}{3x^2y^{-3}z^4}$$

2.
$$\frac{2h^3j^{-3}k^4}{3jk}$$

3.
$$\frac{(z^2w^{-1})^3}{(z^3w^2)^2}$$

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

5.
$$\frac{-10m^{-1}y^0r}{-14m^{-7}y^{-3}r^{-4}}$$

9-6 Simplifying Polynomials

Name _____ Per. ____

Simplify each expression. Use only positive exponents in your final answer.

1.
$$\frac{2x^4y^{-4}z^{-3}}{3x^2y^{-3}z^4}$$

2.
$$\frac{2h^3j^{-3}k^4}{3jk}$$

3.
$$\frac{(z^2w^{-1})^3}{(z^3w^2)^2}$$

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

5.
$$\frac{-10m^{-1}y^0r}{-14m^{-7}y^{-3}r^{-4}}$$