

Name _____

Dividing Exponents

Simplify each expression

1) $\frac{x^5}{x^2}$ c^3	2) $\frac{w^{15}}{w^{10}}$ w^5	3) $\frac{a^{14}}{a^5}$ a^9
4) $\frac{c^{17}}{c^{12}}$ c^5	5) $\frac{e^{13}}{e^7}$ e^6	6) $\frac{xy^{12}}{xy^8}$ xy^4
7) $\frac{s^{17}}{s^{11}}$ s^6	8) $\frac{bc^{14}}{bc^4}$ bc^{10}	9) $\frac{xyz^{15}}{xyz^{11}}$ xyz^4
10) $\frac{2c^{14}}{2c^7}$ $2c^7$	11) $\frac{4wz^{15}}{4wz^7}$ $4wz^8$	12) $\frac{-ac^{12}}{-ac^9}$ $-ac^3$