

Algebra 0507
Chapter 8 Review
Monomials

Name _____

Simplify. NO negative exponents in your answer!

1. $3^4 \cdot 3^5$	2. $(-1)^7$	3. $(2x^2)^0$
4. $(x^3y^4)(xy)$	5. $(y^6)^2$	6. x^{-4}
7. $\left(\frac{2}{3}\right)^5$	8. $(-mn)^3$	9. $\left(\frac{5}{8}\right)^{-2}$
10. $x(x^3)(x^5)$	11. $(-2m^2n)^4$	12. $x(-x)^2(-x)^3$

13.	$(2x^4)^3(-x^2)$	14.	$(3r^5t)(-4rt)^2$	15.	$\frac{-4x^3}{2x}$
16.	$(-3xyz)^2(2x^3y^2z)$	17.	$\frac{9n^5}{-3n^5}$	18.	$\frac{-x^5yz^3}{xy^4z}$
19.	$\frac{24mn}{6m^3n^4}$	20.	$\frac{(-r^4t^3)(2rt)^2}{t}$	21.	$\left(\frac{(xyz)(-3xyz)}{xyz}\right)^0$
22.	$\frac{-5r^3s^4t^5}{(rs^2t^3)^2}$	23.	$\left(-\frac{1}{5}x^3y^2\right)(15xy)$	24.	$(-5r^3s^5t^7)(3rs)$