

Math 70 - Quiz 4 Sections 4.2 and 4.3, Friday September 28th

Simplify and write each variable as an expression with positive exponents:

1). $-5^2(w^4)^{-2}$

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

3). $(4^3 \cdot 4^{-4})^{-5}$

4). $\frac{(t^3+2t+15)^2}{(t^3+2t+15)^5}$

5). $\frac{a^{-6}bc^{-2}}{(ab^2)^{-3}c}$