

Math 70 - Quiz 5 Sections 3.2 and 4.2, Friday February 15th

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

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

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

3). $(\frac{a^6bc^2}{ab^2c})^4$

4). Emma deposited a total of \$2000 in her checking and savings account. If her checking account earns simple interest of 2% and her savings account earns 5% simple interest and by the end of the first year the total interest earned was \$25. How much money was initially deposited in each account?