MATH 1314.003-Spring 2002

Qualitiative Assessment 1

Name: Dey

Solve the equation below, writing a complete sentence to explain each step taken. Credit is awarded for correctness of mathematics (10 points), correctness and completeness of explanations (15 points) and neatness and grammar (5 points). You may use calculators, notes, books, but not the paper of another person on this assessment. (This one is NOT for practice!!)

Scenario: The average price of an apartment in Corpus Christi has risen by 12% in the last year to \$575.

Question: What was the average price of an apartment last year?

Let x be the average pie of an apartment last year. With a 12% increase, the time this year should be the original Price Plus 1220 of that price As an equation, this is represented on × + (.12) × = 575 Solve Mis equation by factoring and the x and dividing by the nesalting factor, 1.12 × (1+,12) : 575 X = 335 - \$513.39

That is, the avg, price of in occasional last year was \$573.39.