Answer on Question#37414 - Math - Algebra

In estimating the cost of a pile of bricks measured as 2m*15m*1.2m, the tape is stretched 1% beyong the standard length if the count is 450 bricks to 1m^3 and bricks cost \$100 per 1000, find the approximate error in the cost.

<u>Solution</u>

2*15*1,2=36 m^3 //Only bricks 36*450=16200 //number of bricks 100*16200/1000=1620 //value of all bricks 1620*0.01=16,2\$ // the approximate error in the cost.