## Answer on Question\#37414-Math - Algebra

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

## Solution

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.

