

Answer on Question #48622, Physics, Other

Task:

The plate has a length (4plus minus 0.1) cm and breadth (3plus minus 0.01) cm.the area of the plate is.....

Answer:

So let a length $L=l+dl=4 \pm 0.1$; breadth $B=b+db=3 \pm 0.01$;

So the area of the plate is $S=L*B=(l+dl)(b+db)=l*b+l*db+b*dl+dl*db=12 \pm 0.34$

Answer: $S=12 \pm 0.34$

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