2 -Step Dimensional analysis problems

1. Convert Hours to seconds: 1 hr = 60 minutes, 1 minute = 60 seconds

How many seconds are in 0.45 hours?

0.45 hours			

2. Convert Kms to Centimeters: 1 Km = 1000 m, 1 m = 100 cm
How many Kilometers in 450 cms?

450 cms			

3. Convert Moles to atoms: 1 mole = 6.02×10^{23} molecules, molecule $\rightarrow$ atoms (depending on formula
How many Oxygen atoms are in 3 moles of CO_2?

3 moles of CO_2			