# LAB #12 (part 2) – Calculating Moles and # of Particles

*Directions: Determine the mass, number of moles, and number of particles for 5 different substances. Show your work within the boxes and circle/box your answer with units.*

*Note: When inputting numbers in scientific notation into the calculator…*

Ex) 6.022x1023 🡪 6.02 EXP 23

|  |  |  |  |
| --- | --- | --- | --- |
| **Substance** | **Mass** | **Moles** | **# of particles (atoms or molecules)** |
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Ex) 5.0x10-5 🡪 5.0 EXP +/- 5

