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| Group Name: |  |

Atomic structure

Worksheet

## **LibreTexts page:** [**6: Atomic Structure**](https://chem.libretexts.org/Courses/University_of_Arkansas_Little_Rock/Chem_1402%3A_General_Chemistry_1_%28Belford%29/Laboratory/06%3A_Experiment_6_-_Atomic_Structure)

## **(**<https://chem.libretexts.org/link?214683>)

**Please don’t edit, rearrange or delete anything that is already in this document. Just add your answers inside the boxes.**

**You can use shortcuts for superscripts and subscripts when needed:**

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1. What speed does light travel at?

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1. What is the frequency of green light at 545 nm?

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1. KUAR radio station’s broadcasting frequency is 89.1 MHz. Calculate the wavelength.

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1. What is the wavelength of the musical note **A** which has a frequency of 440 hz when it is propagated through air in which the velocity of sound is 343 m s–1?

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