

Name:

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## Quiz 1 – A Brief Reminder of Quantum Mechanics

**Question 1.** What is the expectation value in quantum mechanics?  
Please answer briefly.

It is the average outcome of measurements on an ensemble of the same quantum system.

**Question 2.** What is the statistical interpretation of the wave function? Again, write a simple answer.

Absolute square of the wave function gives the probability density of finding the quantum particle in space.