

Physics 1114 - General Physics I

Quiz #34 - 2012.11.16

Solutions

1. What are the three states of matter that we deal with on a daily basis?

Solid, liquid and gaseous phases of matter are the three we most commonly encounter on a daily basis.

2. Explain why a substance can be both liquid and solid at a very specific temperature.

If substance is in phase equilibrium, heat must be added or removed from a substance to convert it completely to liquid or solid, respectively.