

ME 301: Structure and Properties of Solids, Spring Semester 2009

Quiz #1 January 14, 2009

Name:

#1- List the three main or fundamental classes into which engineering materials are typically divided.

#2 - How many phase changes does iron undergo when solidified from its liquid state to room temperature?

#3 - What is the name of the hard, non-equilibrium phase that one sees in steel that has been quenched from a high temperature?