

Physics 1114 - General Physics I

Quiz #19 - 2012.07.11

Solutions

1. What is the relationship between density and specific gravity?

Specific gravity of a material is the ratio of its density to the density of water.

2. State Pascal's Law.

pressure exerted anywhere in a confined incompressible fluid is transmitted equally in all directions throughout the fluid such that the pressure ratio (initial difference) remains the same. The pressure depend only on depth, not the shape of the container.