

Physics 1114 - General Physics I

Quiz #26 - 2012.10.29

Solutions

1. What is the difference between a transverse wave and a longitudinal wave?

Transverse waves are where the particles in a wave move perpendicularly to direction of movement of the wave. For longitudinal waves, the particles move in the direction of the waves movement.

2. How is wavelength defined?

The wavelength of a wave is the distance between any two points at corresponding positions on successive repetitions in the wave shape.