

Physics 1114 - General Physics I

Quiz #16 - 2012.07.05

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 a wavelength defined?

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