



Quiz

- 1- - the number of wave that pass through a point in one second is called
- a- wavelength
 - b- sound
 - c- frequency
 - d- velocity
- 2- A 180 waves that pass through a point in 1 minute , hence the frequency is (in hertz)
- a- 3
 - b- 180
 - c- 18
 - d- 9
- 3- according to your studies , X-rays waves type is
- a- mechanical
 - b- electromagnetic
 - c- longitudinal
 - d- transverse
- 4- the standing waves are
- a- same frequencies waves and travelling in the same direction
 - b- different frequencies waves, but travelling in opposite direction
 - c- different frequencies waves, but travelling in the same direction
 - d- same frequencies waves, but travelling in opposite direction
- 5- represents
- a- reflectance
 - b- transmittance
 - c- absorbance
 - d- acoustic impedance

Quiz

- 1- the transverse wave is a type of
- a- sound waves
 - b- mechanical waves
 - c- electromagnetic waves
 - d- longitudinal wave
- 2- all of the following sound properties are false except
- a- the more elastic medium the slower sound will travel through it
 - b- sound speed in metal < speed of sound in water < sound speed in air
 - c- the speed of sound is not fixed and depends the medium
 - d- when the temperature is higher , so the speed of the sound getting slower
- 3- a sound wave with 20m wavelength is travelling through the air with 344m/s find the frequency
- a- 34.4
 - b- 7.8
 - c- 56.4
 - d- 17.2
- 4- the number of wave that pass through a point in one second is called
- a- wavelength
 - b- sound
 - c- frequency
 - d- velocity
- 5- the standing wave is
- a- two wave have the same wavelength and speed , but travelling in opposite direction
 - b- two waves have the different wavelength and speed , but travelling in opposite direction
 - c- two wave have the same wavelength and speed , but travelling in same direction
 - d- two waves have the different wavelength and speed , but travelling in same direction