

Pre and Post Test  
Let's Measure the Speed of Sound

1. How fast will sound travel, in meters per second, on a bright fall day when the temperature is 59 degrees F?
2. Will sound travel faster in water or air?
3. Can sound bounce?
4. Does heat affect sound?
5. Does sound need a medium to travel through?

Answers:

1. 340 meters or 1,116 feet per second
2. water
3. yes, it is called an echo
4. yes, the hotter the medium, the faster sound will travel
5. yes