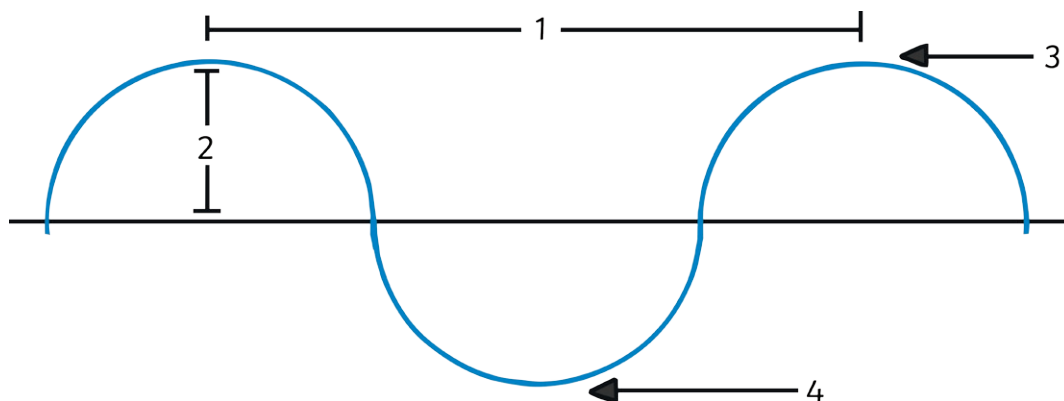


Sound Test Yourself 2

Waves

On the diagram below, label: peak, trough, wavelength and amplitude.



Loudness

The loudness of sound is measured in decibels (Db). Complete the table below to show the level of sound in the following activities:

leaves rustling, heavy traffic, whispering, jet taking off, silence.

Loudness (decibels dB)	Activity
0	
20	
40	
60	Normal speech
80	
100	

Musical Instruments

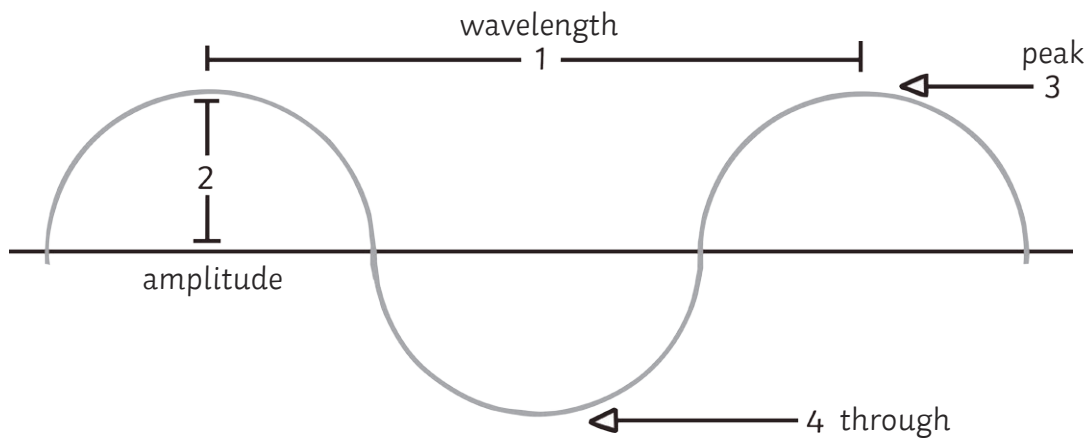
On playing a guitar, what would happen if:

- A thicker string was used?
- The strings were plucked harder than normal?
- The strings were tightened?

Sound Test Yourself 2 Answers

Waves

On the diagram below, label: peak, trough, wavelength and amplitude.



Loudness

The loudness of sound is measured in decibels (Db). complete the table below to show the level of sound in the following activities:

leaves rustling, heavy traffic, whispering, jet taking off, silence.

Loudness (decibels dB)	Activity
0	Silence
20	Leaves rustling
40	Whispering
60	Normal speech
80	Heavy traffic
100	Jet taking off

Musical Instruments

On playing a guitar, what would happen if:

- A thicker string was used?
A lower pitched sound would be produced.
- The strings were plucked harder than normal?
A louder sound would be produced.
- The strings were tightened?
A higher pitched sound would be produced.