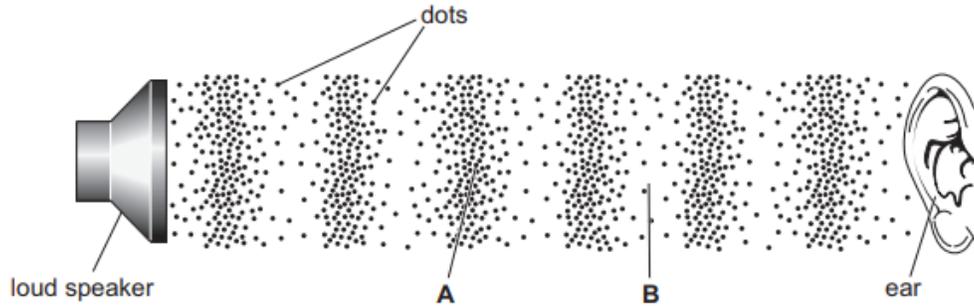


Name: _____

Class: _____

SOUND AND VIBRATION

1. The properties of sound can be explained using a diagram.



Complete the sentences by using words from the following list.
 The first sentence has been done for you.

air close together compression density far apart mass
 pressure rarefaction solid sound

The dots on the diagram are air particles.

In area A the dots are

This area is called a

In area B the dots are

Sounds can be loud or soft. Draw something that makes a loud sound and something that makes a soft sound.

Soft

Loud



3. Complete the given statements.

Cause
An object vibrates



Effect
It makes a _____

Cause
The object stops vibrating



Effect
The sound _____

Cause
You play a guitar



Effect
The strings _____

