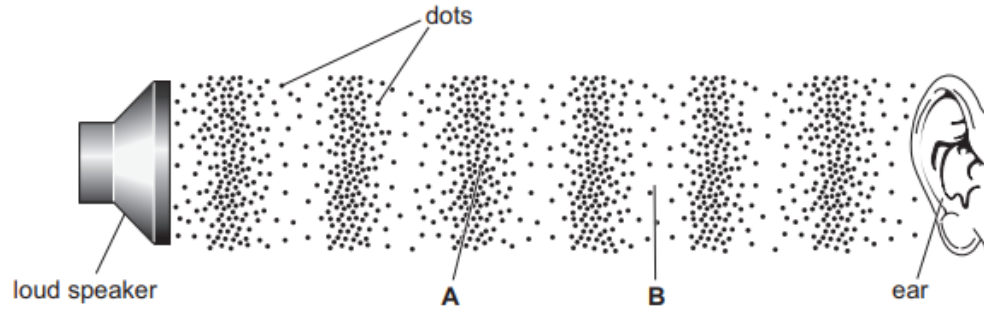


Name: \_\_\_\_\_

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 \_\_\_\_\_

