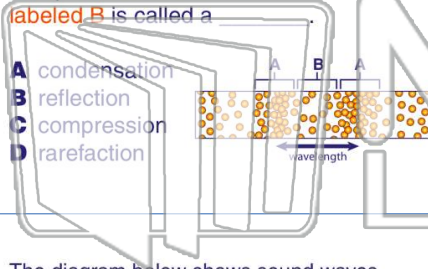


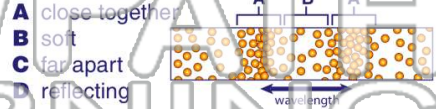


Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

1 The diagram below shows the **air molecules** in part of a sound wave. The part of the wave that is labeled **B** is called a



2 Look at the areas labeled **A** in this diagram of longitudinal sound waves. These areas are called **compressions** because the **particles of the sound waves** are



3 The diagram below shows sound waves from **two different voices**. What is the difference between these waves?

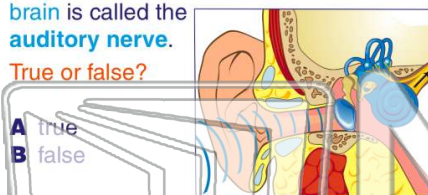
4 The diagram below shows the **human ear**. What type of **energy conversion** is necessary in the ear for hearing to



## PREVIEW

Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet

7 \_\_\_\_\_ brain is called the **auditory nerve**. True or false?



its \_\_\_\_\_.

- A wavelength
- B loudness
- C frequency
- D amplitude



9 Matter's ability to **bounce back** after it is disturbed is called \_\_\_\_\_.

- A reflection
- B elasticity
- C rarefaction
- D compression

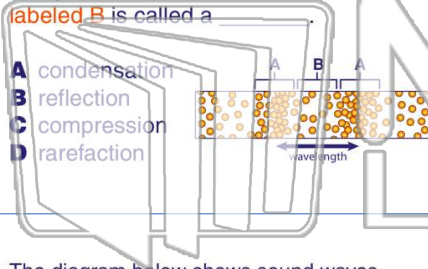
10 The phrase "heat lightning" is often used when people see lightning but **do not hear thunder**. What is the explanation for this?

- A Lightning does not always cause thunder.
- B Thunder was produced, but the sound was too far away to be heard.
- C Some thunder frequencies are high above the range of human hearing.
- D Some thunder frequencies are below the range of human hearing.

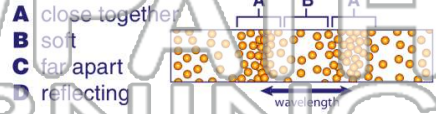


Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

1 The diagram below shows the **air molecules** in part of a sound wave. The part of the wave that is labeled **B** is called a



2 Look at the areas labeled **A** in this diagram of longitudinal sound waves. These areas are called **compressions** because the **particles of the sound waves** are



3 The diagram below shows sound waves from **two different voices**. What is the difference between these waves?

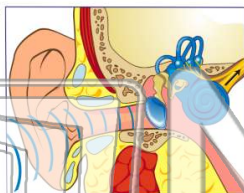
4 The diagram below shows the **human ear**. What type of **energy conversion** is necessary in the ear for hearing to



## PREVIEW

Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet

7 The **auditory nerve** in the **inner ear** is called the **auditory nerve**. True or false?



its \_\_\_\_\_.

- A wavelength
- B loudness
- C frequency
- D amplitude

9 Matter's ability to **bounce back** after it is disturbed is called \_\_\_\_\_.

- A reflection
- B elasticity
- C rarefaction
- D compression

10 The phrase "heat lightning" is often used when people see lightning but **do not hear thunder**. What is the explanation for this?

- A Lightning does not always cause thunder.
- B Thunder was produced, but the sound was too far away to be heard.
- C Some thunder frequencies are high above the range of human hearing.
- D Some thunder frequencies are below the range of human hearing.