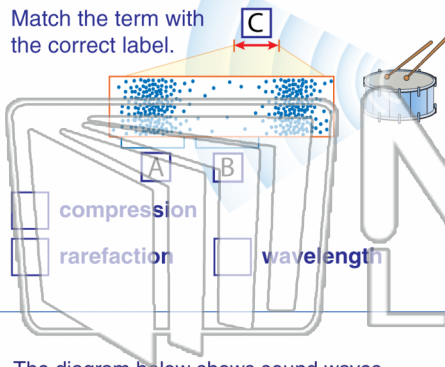




Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

1

Match the term with the correct label.



2

Match the term with the correct definition.

- music      A. sound that produces pleasing patterns
- overtones      B. distinct sound of an instrument
- resonance      C. natural vibrational frequency
- quality of sound

3

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

4

What correct conclusion can be made based on the graph below?



5



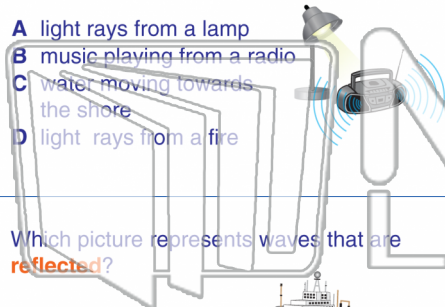
## PREVIEW

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

7

the **particles** of the medium move **side to side** as the **energy** moves **forward**.

- A light rays from a lamp
- B music playing from a radio
- C water moving towards the shore
- D light rays from a fire



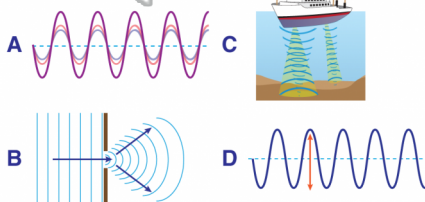
speed of the wave if the **frequency** increases to **10 Hz**?

**wave speed = wavelength x frequency**

- A The speed of the wave will remain constant.
- B The speed of the wave will double.
- C The speed of the wave will decrease.
- D The speed of the wave cannot be determined.

9

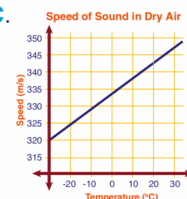
Which picture represents waves that are **reflected**?



10

Using the graph below, determine **how fast** sound travels when the air temperature is **20°C**.

- A 340 m/s
- B 343 m/s
- C 350 m/s
- D 355 m/s

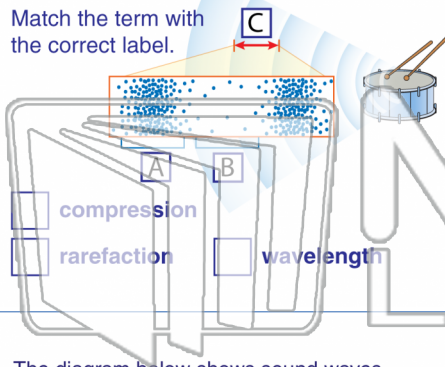




Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

1

Match the term with the correct label.



2

Match the term with the correct definition.

- music      A. sound that produces pleasing patterns
- overtones      B. distinct sound of an instrument
- resonance      C. natural vibrational frequency
- quality of sound

3

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

4

What correct conclusion can be made based on the graph below?



5



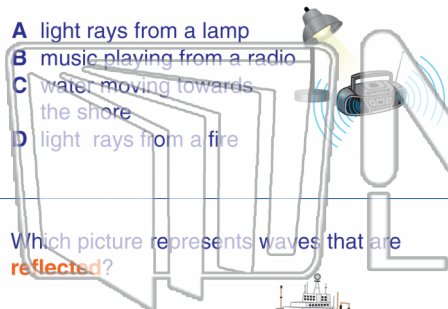
## PREVIEW

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

7

the **particles** of the medium move **side to side** as the **energy** moves **forward**.

- A light rays from a lamp
- B music playing from a radio
- C water moving towards the shore
- D light rays from a fire



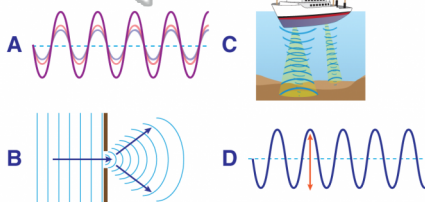
speed of the wave if the **frequency** increases to **10 Hz**?

**wave speed = wavelength x frequency**

- A The speed of the wave will remain constant.
- B The speed of the wave will double.
- C The speed of the wave will decrease.
- D The speed of the wave cannot be determined.

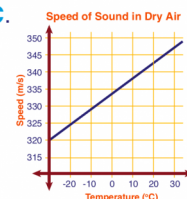
9

Which picture represents waves that are **reflected**?



10

Using the graph below, determine **how fast** sound travels when the air temperature is **20°C**.



- A 340 m/s
- B 343 m/s
- C 350 m/s
- D 355 m/s