



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

1 What is the **unit of measure** used for **frequency**?

- A a gram
- B volume
- C a decibel
- D a hertz



2 Notice where the two fingers are placed on the strings of the violins. With fingers in these positions, **which violin would play the higher-pitched sound?**

- A violin A
- B violin B
- C both play same high sound
- D both play same low sound



3 The **loudness or quietness** of a sound is its \_\_\_\_\_.

- A pitch
- B frequency
- C volume
- D sound waves



4 Doctors recommend avoiding sounds that are louder than **110 decibels**. Which sound is **harmful** to human ears?

- A a whisper
- B normal conversation

Decibels of Sound		
a whisper		10
normal conversation		60

5  
H  
j  
t  
A  
E  
C  
D



## PREVIEW

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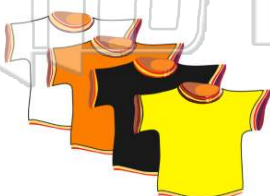
7  
V  
e  
A  
B electricity  
C speed  
D light



- A cannot see in the dark
- B see something larger than it really is
- C see through a dark lens
- D see an image in a mirror

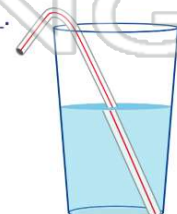
9 Which colored t-shirt would **absorb** the Sun's rays the **most**?

- A white
- B yellow
- C black
- D orange



10 When looking **through water**, light rays can **appear bent**. This picture is an example of \_\_\_\_\_.

- A reflection
- B refraction
- C a spectrum
- D frequency

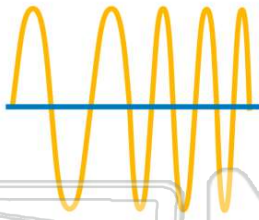




## ANSWER KEY

What is the **unit of measure** used for **frequency**?

- A a gram
- B volume
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(d)

Notice where the two fingers are placed on the strings of the violins. With fingers in these positions, **which violin would play the higher-pitched sound?**



(a)

- A violin A
- B violin B
- C both play same high sound
- D both play same low sound

The **loudness or quietness** of a sound is its \_\_\_\_\_.

- A pitch
- B frequency
- C volume
- D sound waves



(c)

Doctors recommend avoiding sounds that are louder than **110 decibels**. **Which sound is harmful to human ears?**

- A a whisper
- B normal conversation
- C a train horn

Decibels of Sound

a whisper		10
normal conversation		60
train horn		100

(d)

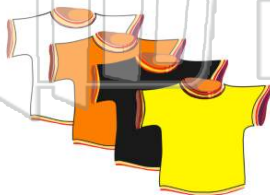


## PREVIEW

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Which colored t-shirt would **absorb** the Sun's rays the **most**?

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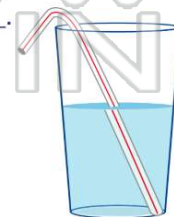


(c)

- A cannot see in the dark
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When looking **through water**, light rays can **appear bent**. This picture is an example of \_\_\_\_\_.

- A reflection
- B refraction
- C a spectrum
- D frequency



(b)