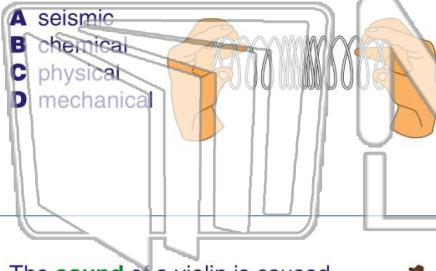




Name _____ Class _____ Date _____

1 In the picture below, the type of **energy used** to **make** the wave is _____.



- A seismic
- B chemical
- C physical
- D mechanical

2 What is the relationship of a **tsunami** to an **earthquake**?

- A they occur exactly at the same time
- B the earthquake occurs before the tsunami
- C the tsunami occurs before the earthquake
- D earthquakes and tsunamis are not related

3 The **sound** of a violin is caused by _____.



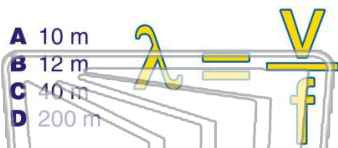
4 When a student plays a trumpet, sound waves are made. The **medium** for these waves is _____.



PREVIEW

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7 The frequency of a wave is 10 Hz. Its wavelength (λ) would be _____.



- A 10 m
- B 12 m
- C 40 m
- D 200 m

True or false?

- A true
- B false



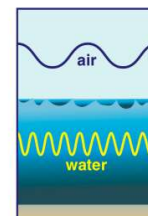
9 Long bridges have been known to collapse when there is too much **traffic** on them. What is one **possible cause** of these collapses?

- A the traffic is giving off air pollutants
- B the traffic is causing air to move around
- C the traffic is causing vibrations in the bridge
- D the traffic was going too slow

10 All materials conduct vibrations at the **same rate**.

True or false?

- A true
- B false

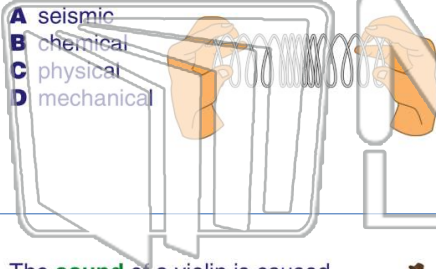




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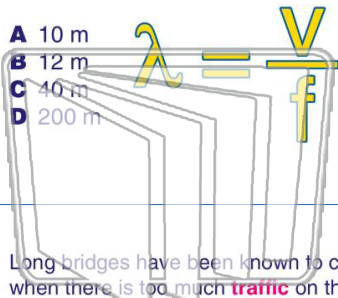


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