

Science: Sound: 4th, 5th & 6th Class

1. True or False: Sound is made by molecules vibrating.

☐ True

☐ False

2. True or False: Sound can travel in space.

☐ True

☐ False

3. True or False: Sound travels faster through air than it does through water and solids.

☐ True

☐ False

4. True or False: Sound travels much slower than light, whether in air or in water.

☐ True

☐ False

5. True or False: Pitch describes the number of times that a sound wave vibrates in one second.

☐ True

☐ False

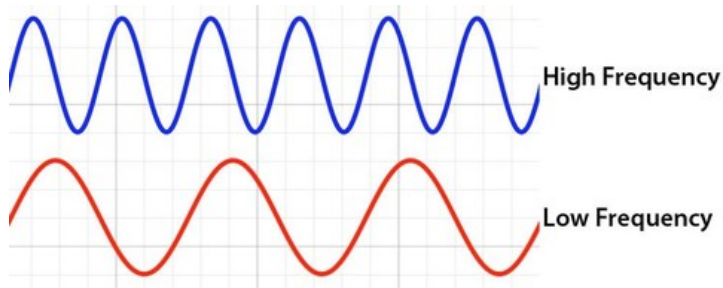
6. How is frequency measured? Frequency is measured in:

☐ A Hertz

☐ B Amperes

☐ C Newtons

7.

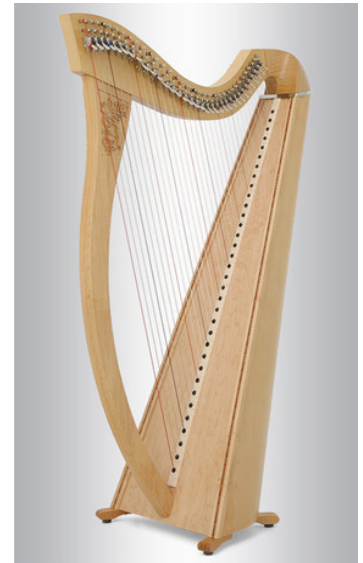


Look at the picture. Will the high frequency sound wave produce a high or low pitched note?

- ☐ A High
- ☐ B Low

8. Complete the sentence: The longer the vibrating string, the _____ the pitch.

- ☐ A Higher
- ☐ B Lower



9. Complete the sentence: The narrower the vibrating string, the _____ the pitch.

- ☐ A Higher
- ☐ B Lower



10.



The tighter the vibrating string, the _____ the pitch.

- ☒ (A) Higher
- ☐ (B) Lower