

**1. If the frequency of the sound is increased then the pitch will \_\_\_\_\_ Because \_\_\_\_\_.**  
**2. Using your own words describe what happens to the pitch as the frequency increases.**

**3. Was your hypothesis correct and why?**

**4. How does changing the amplitude of a sound wave affect the pitch of the sound?**

**5. If the amplitude of the sound is increased then the pitch will \_\_\_\_\_**  
**Because \_\_\_\_\_.**

**6. Using your own words describe what happens to the pitch as the amplitude increases.**

**7. Was your hypothesis correct, and why?**

**8. Set up an Oscillating string with No End**

**9. Write a hypothesis of what you think will happen to the wavelength when amplitude is increased. Write it as an If... then because statement.**

**10. Using your own words describe what happens to the wavelength as the amplitude increases**

**11. Was your hypothesis correct and why?**

**12. Set up an Oscillating string with No End**

**13. Write a hypothesis of what you think will happen to the wavelength when frequency is increased. Write it as an If... then because statement.**

**14. Using your own words describe what happens to the wavelength as the frequency increases.**

**15. Was your hypothesis correct and why?**

**16. As the frequency of a sound wave increase pitch**  
\_\_\_\_\_

**17. As the amplitude increases pitch** \_\_\_\_\_

**18. As amplitude increases wavelength** \_\_\_\_\_

**19. As the frequency of a wave increases the wavelength**  
\_\_\_\_\_

**Answer 1**

Answer: Idk really know exactly but it might be 1.4

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2. [1-if-the-frequency-of-the-sound-is-increased-then-the-pitch-will-because-2-using-your-own-words-describe](#)