

Send that Signal

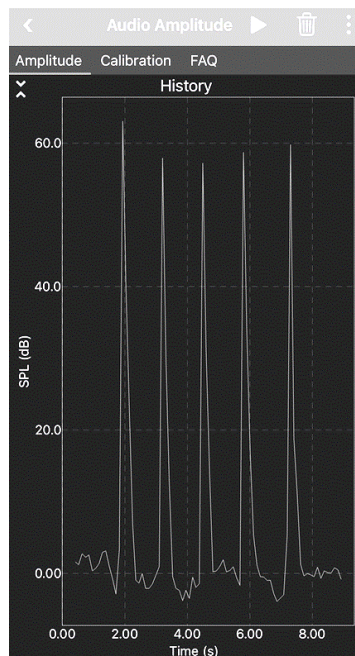
Name: _____

Student quiz

Date: _____

Directions: Circle the best answer for each question below.

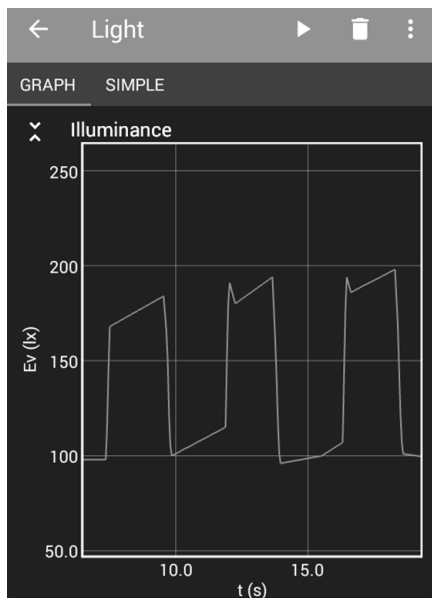
1. What does a microphone measure?
a. light b. temperature c. sound d. weight
2. What would work best to send a message across a dark, noisy room?
a. clapping your hands
b. flashing a flashlight
c. whispering
d. tapping your foot
3. This graph shows noise levels when someone clapped their hands in a quiet room. Looking at the graph, how many times did the person clap their hands?



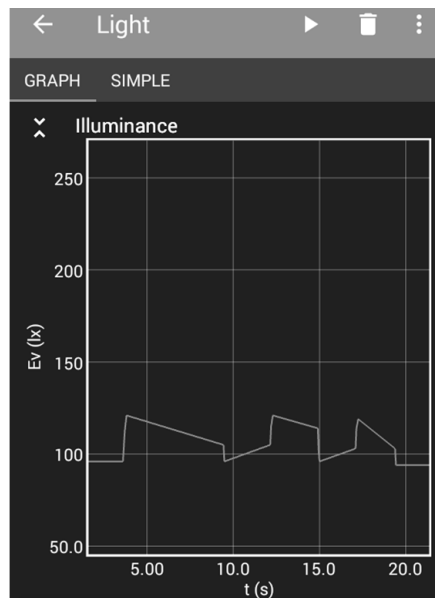
- a. 3
- b. 7
- c. 5
- d. 10

Directions: Circle the best answer for each question below.

4. These graphs show light levels when a flashlight was flashed at the phone. Which graph (a or b) was recorded with the flashlight farther away?



a.



b.

5. You need to design a fire alarm system for a person who is both hearing- and vision-impaired. What would work the best to alert the person when there is a fire?
- playing a loud noise
 - flashing a bright light
 - vibrating a bracelet on the person's wrist
 - both a and b