

# Send that Signal

Student quiz — *Answer key*

**Directions:** Circle the best answer for each question below.

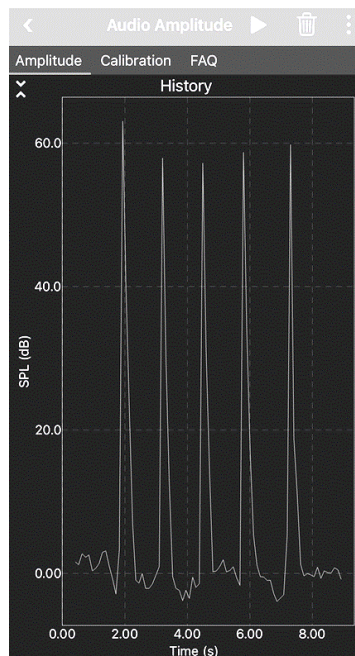
1. What does a microphone measure?

- 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

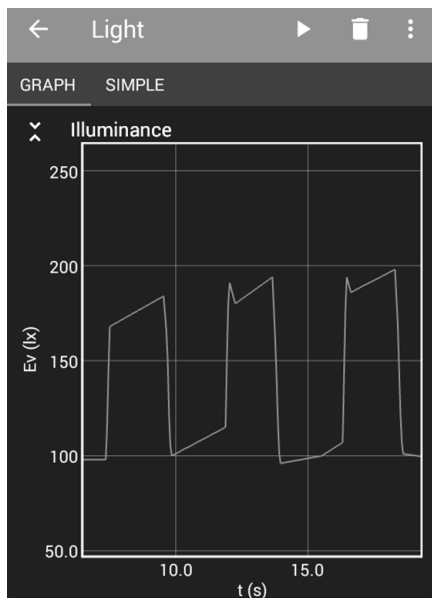
3. This graph shows noise levels when someone clapped their hands in a quiet room. Looking at the graph, how many times did the person clap their hands?



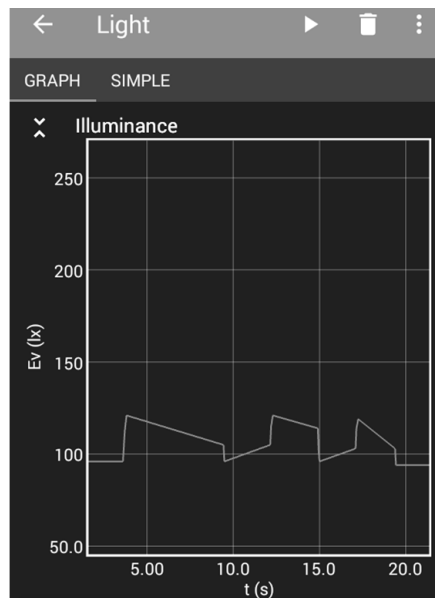
- a. 3  
b. 7  
**c. 5**  
d. 10

**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?
- a. playing a loud noise
  - b. flashing a bright light
  - c. vibrating a bracelet on the person's wrist
  - d. both a and b