Waves, Light, and Sound

Grade 4 Science Worksheet

Name _____ Date _____

Circle the answer.

1. A student says, "We see because our eyes shoot out beams of light." Which observation proves this wrong?
   a lamp lets us see in the evening
   we cannot see objects in a room with no light
   we can see bright colors on sunny days
   our eyes can get tired at night

2. During an earthquake, waves travel through the ground. What do they carry from place to place?
   water from the ocean
   rocks from the center of Earth
   the soil from where they started
   energy that shakes the ground

3. Why can you see the Moon at night?
   your eyes light up the Moon
   the Moon makes its own light
   sunlight reflects off the Moon to your eyes
   the stars shine their light from behind it

4. A cork floats on water. Waves pass it. After the waves pass, where is the cork?
   far across the water with the waves
   at the bottom of the water
   in about the same place it started
   pushed up onto the shore

5. Two tuning forks make the same note. Fork A is struck harder. What will a listener notice?
   fork A sounds the same fork A makes a light flash fork A sounds louder
   fork A sounds quieter

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Answer Key - Grade 4 Science Worksheet

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