# Waves, Light, and Sound

Grade 4 Science Worksheet - Building Confidence

Name _____ Date _____

Circle the answer.

1. How do you see a red apple on a table in a lit room?

   your eyes send light out to the apple

   the apple makes its own light

   light bounces off the apple into your eyes

2. Two ocean waves pass a pier. One rises 1 meter above the middle line, the other 3 meters. Which carries more energy?

   the wave that rises 3 meters

   both carry the same energy

   the wave that rises 1 meter

3. A guitar string is plucked gently, then hard. Which pluck makes the louder sound?

   both are equally loud  the gentle pluck  the hard pluck

4. A white wall and a black wall are in the same sunny room. Which reflects more light into your eyes?

   the black wall

   both reflect the same amount

   the white wall

5. During an earthquake, waves travel through the ground. What do they carry from place to place?

   water from the ocean

   energy that shakes the ground

   the soil from where they started

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Answer Key - Grade 4 Science Worksheet - Building Confidence

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