Energy Transfer Evidence

Grade 4 Science Worksheet - Building Confidence

Name _____ Date _____

Circle the answer.

1. A bulb lights when joined to a battery with two wires. A student takes one wire off and the bulb goes dark. What does this show?

   the bulb needs sound to light

   light cannot travel through wires

   electric current needs a complete path

2. A flashlight with a dead battery does not light. A new battery makes it light. What does the new battery do?

   it supplies energy that moves through the circuit

   it turns the bulb into a battery

   it turns the switch into light

3. A toy fan spins only when a lamp shines on its solar panel. Which energy chain fits?

   sound to heat to light

   light to electric current to motion

   motion to light to sound

4. After pumping a bicycle tire for a minute, the pump feels warm. Which energy changed into heat?

   the sound of the air

   the motion of the moving handle

   the light from the sun

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Answer Key - Grade 4 Science Worksheet - Building Confidence

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