# Simple Circuits

Grade 4 Science Worksheet - Building Confidence

Name _____ Date _____

Circle the answer.

1. Ana wants a circuit that rings a bell when a door opens. Which part must she add?

   a second bulb

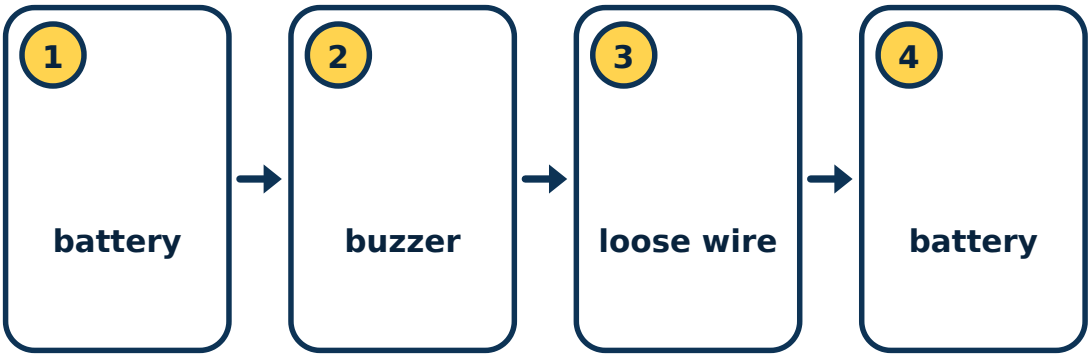
   a switch the door can close

   a longer plastic straw

2. Which device changes electrical energy mostly into sound?

   a heater  a fan  a speaker

3. Look at the cards. One wire is loose. What will happen to the buzzer?




   it will stay quiet  it will buzz softly  it will buzz loudly

4. What is the job of the wires in a circuit?

   they turn current into light

   they carry current between the parts

   they make the energy for the circuit

5. Jen tests five materials in a gap in her circuit. The bulb lights with only two of them. What are those two?

   insulators  energy sources  conductors

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Answer Key - Grade 4 Science Worksheet - Building Confidence

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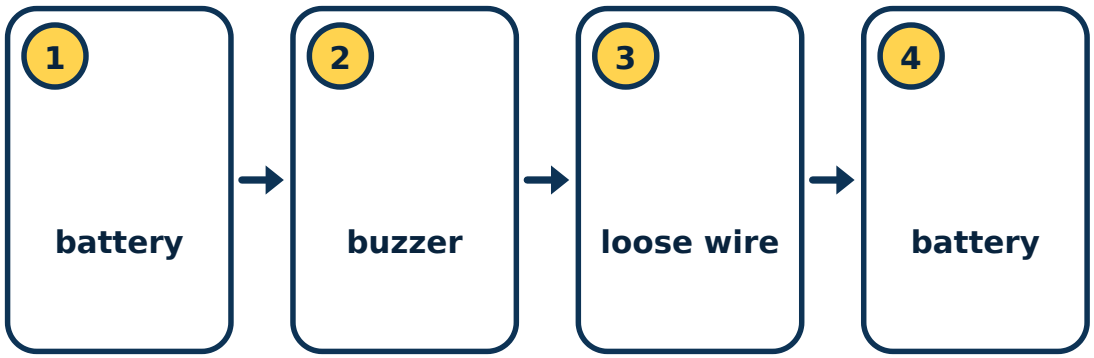
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