This is a practice test. Your responses to practice test questions must be recorded on your Practice Test Answer Document.

Mark only one answer for each multiple-choice question. If you are not sure of the answer, choose the answer you think is best.

HOW TO ANSWER OPEN-RESPONSE QUESTIONS

• Read all parts of each question carefully.
• Make each response as clear, complete, and accurate as you can.
• Support your responses.
• Check your answers.
Rayna is collecting seeds from a sunflower. She notices that most of the leaves on the sunflower plant have patterns of holes made by chewing insects, as shown in the picture below.

Next year, she will plant the sunflower seeds that she has collected. How many of the sunflower plants that grow are expected to inherit the chewed leaf pattern?

A. all of the plants
B. most of the plants
C. half of the plants
D. none of the plants

The circuit diagram below shows D-cells connected to four light bulbs and four different materials labeled 1, 2, 3, and 4.

Which of the four materials is acting as an insulator rather than a conductor?

A. 1
B. 2
C. 3
D. 4
Rosa wants to measure the depth of the well in her backyard. To help her find the depth of the well, Rosa gathered her tape measure and several objects from around her house. Her tape measure is 12 ft. long, but the well is deeper than 12 ft. The well and the objects that Rosa gathered are shown below.

a. Identify which of these objects Rosa can use with her tape measure to find the depth of the well.

b. Explain how Rosa can use her tape measure and each object you identified in part (a) to find the depth of the well.
<table>
<thead>
<tr>
<th>School Name: ____________________________</th>
<th><strong>Marking Instructions</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>District Name: __________________________</td>
<td>• Use a No. 2 pencil only.</td>
</tr>
<tr>
<td>Last Name of Student: ____________________</td>
<td>• Do not use ink, ballpoint, or felt-tip pens.</td>
</tr>
<tr>
<td>First Name of Student: _________________</td>
<td>• Make solid marks that fill the circles completely.</td>
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<td>• Erase cleanly any marks you wish to change.</td>
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<td>• Do not make any stray marks on this form.</td>
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<td>• Do not fold, tear, or damage this form.</td>
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</tbody>
</table>
1. A B C D
2. A B C D

3. ________________________________________________________________________________
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STOP!