

Geologic Block Cross-sectioning Test

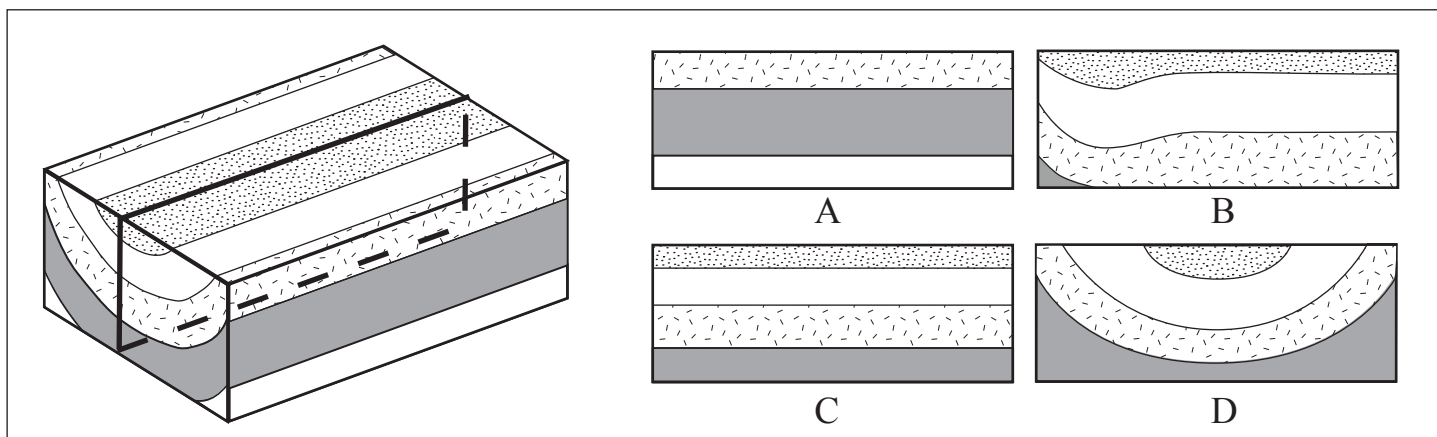
Name: _____

This test is designed to assess your ability to mentally slice through a three dimensional geologic structure expressed in a block diagram.

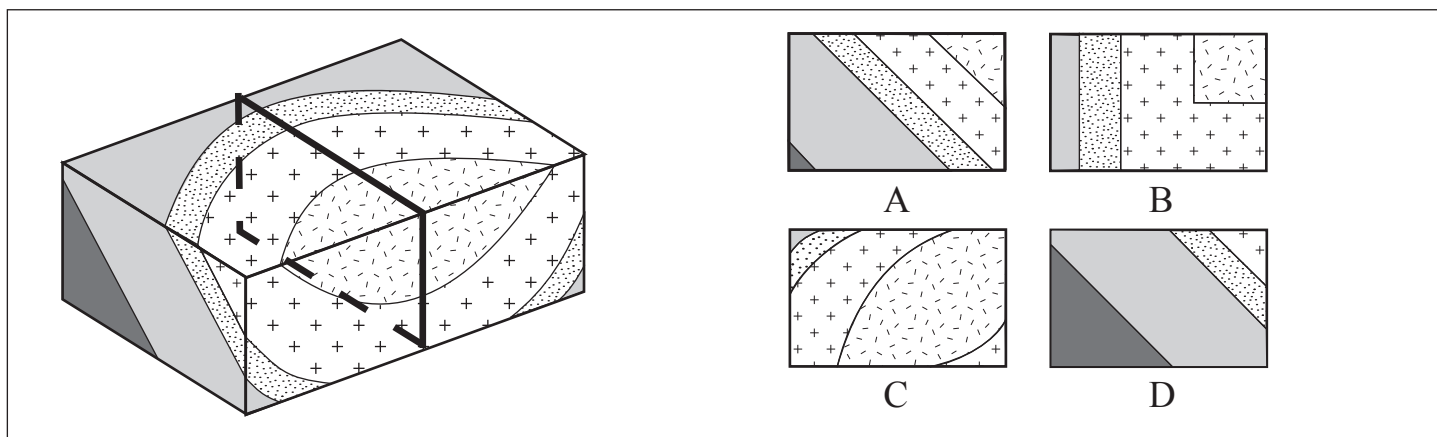
For each item below:

1. Study the geologic structure that is displayed in the 3-D block diagram.
2. Determine what the cross-section of that geologic structure would look like on the surface of the vertical plane intersecting the block.
3. Choose the multiple choice answer that illustrates the structure along that plane. Where more than one answer appears to be possible, choose the MOST LIKELY answer.

Here is an example:



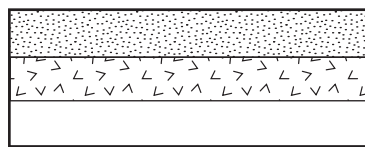
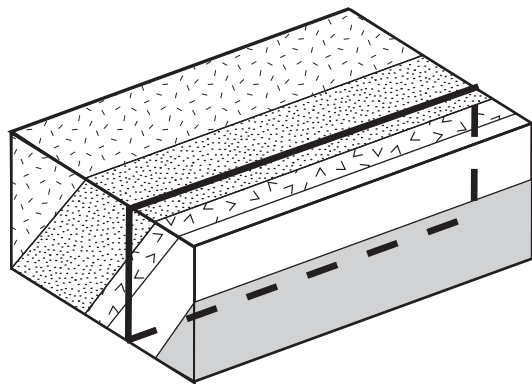
The answer to this example problem is C. It shows the layers in the correct positions, with the correct thicknesses, and in the correct orientations. Here is a second example:



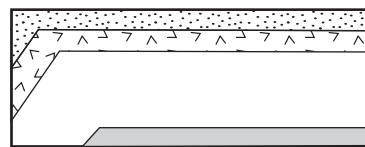
The answer to this example problem is A. It shows the layers in the correct positions, with the correct thicknesses, and in the correct orientations.

There are 16 questions. You will have ____ minutes to complete the test.

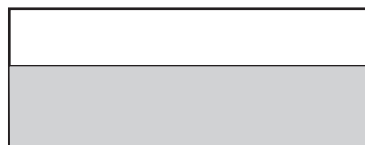
1



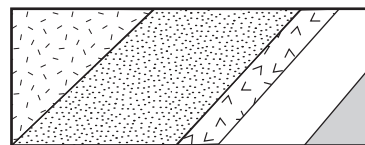
A



B

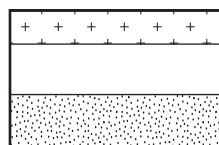
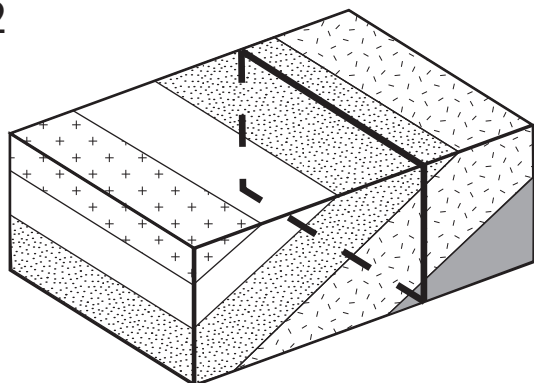


C

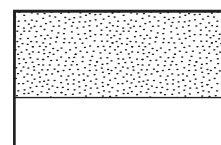


D

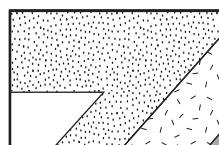
2



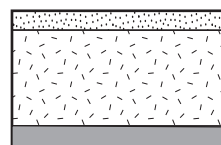
A



B

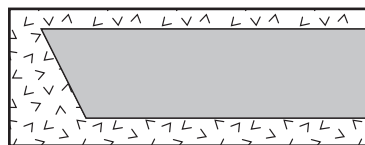
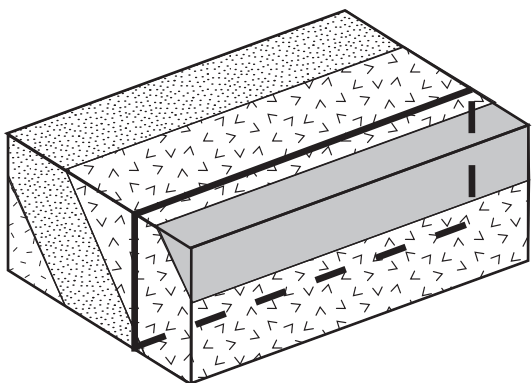


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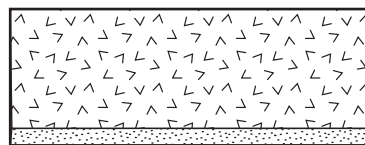


D

3



A



B

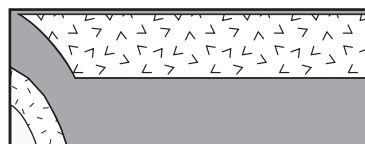
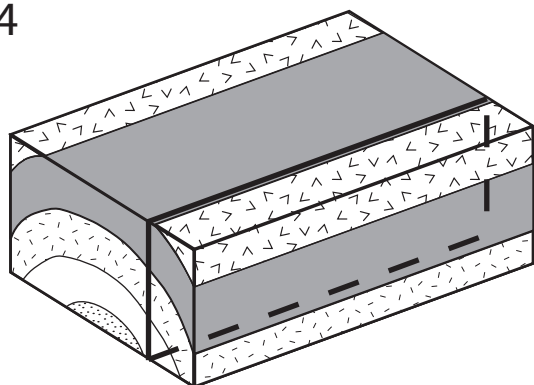


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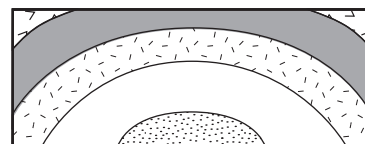


D

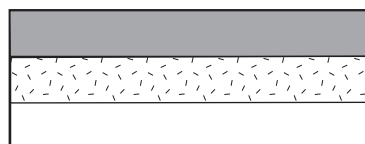
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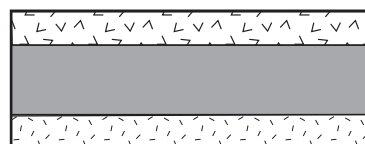
A



B

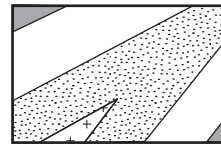
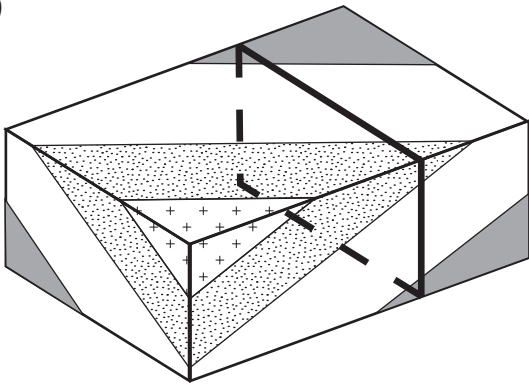


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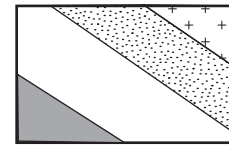


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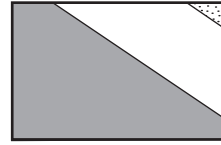
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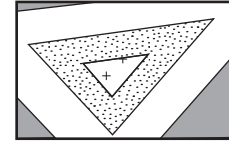
A



B

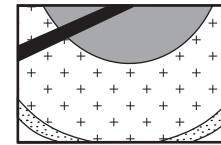
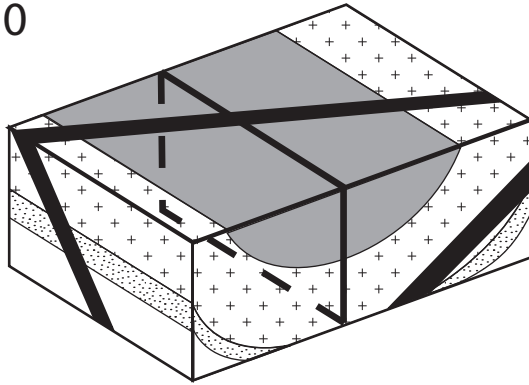


C

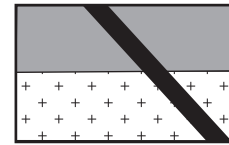


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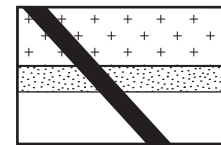
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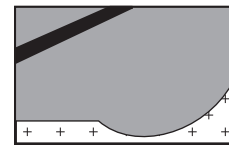
A



B

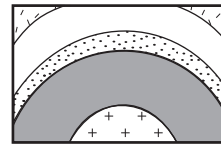
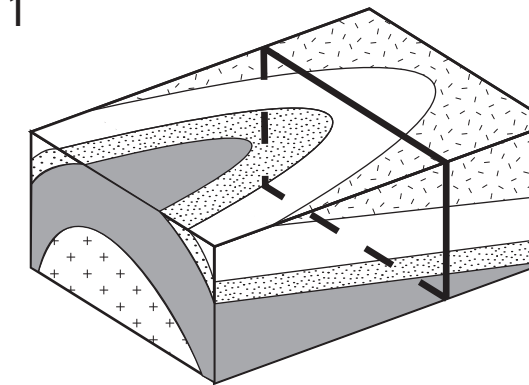


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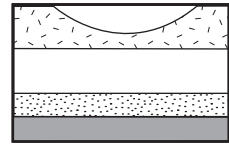


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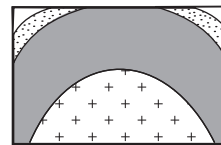
11



A



B

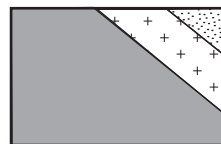
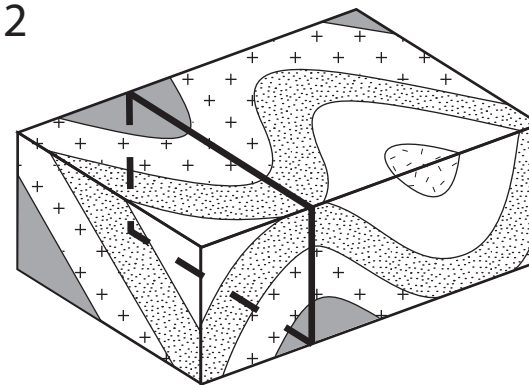


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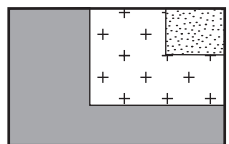


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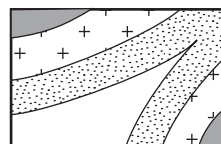
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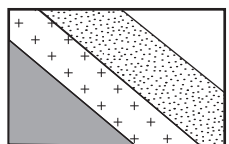
A



B

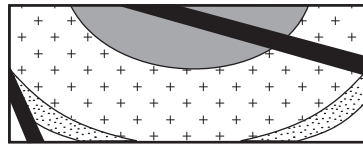
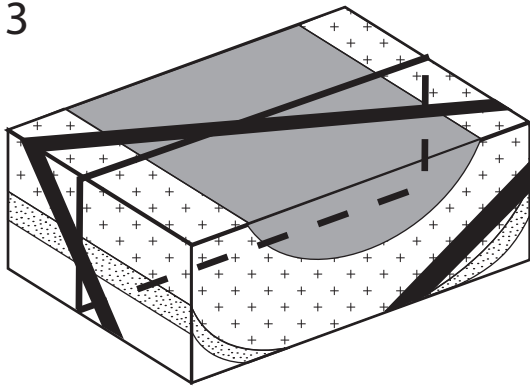


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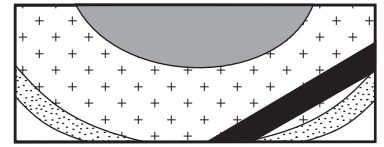


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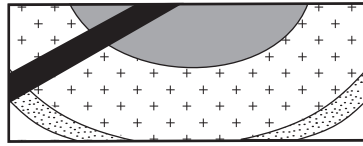
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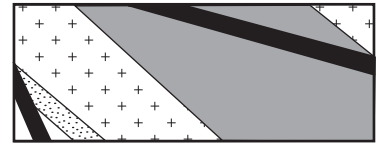
A



B

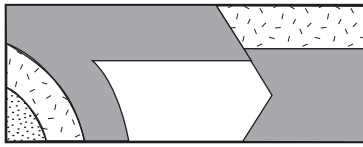
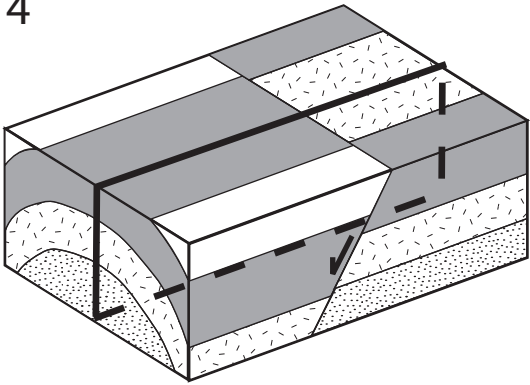


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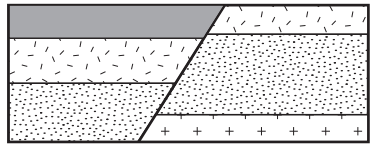


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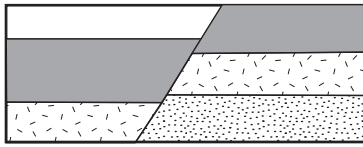
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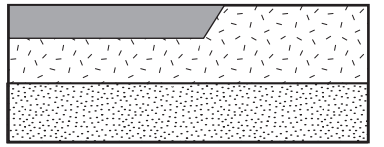
A



B

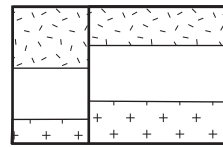
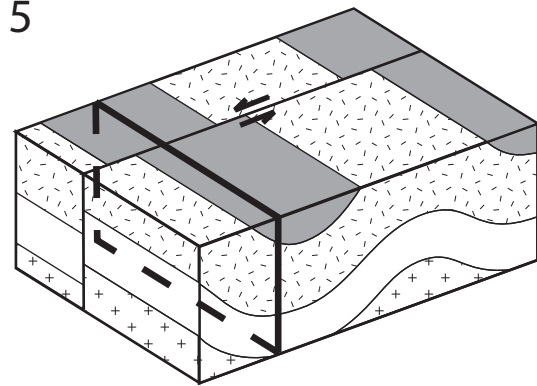


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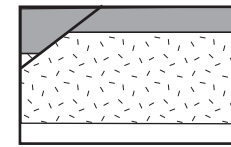


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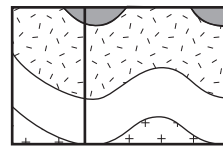
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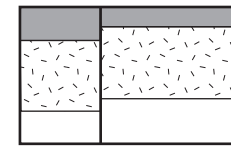
A



B

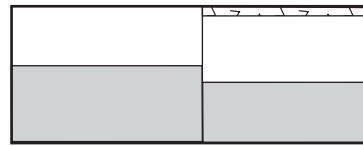
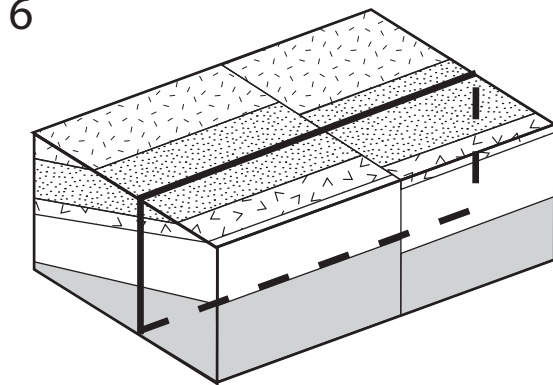


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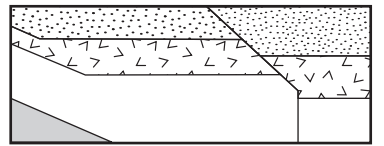


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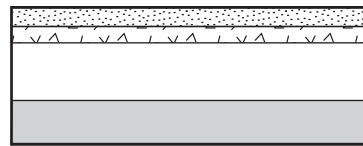
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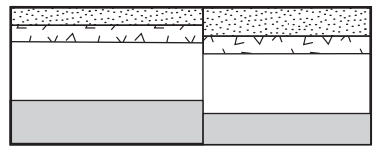
A



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C



D