

**SKILLS LIST and SAMPLE TEST ITEMS**

**FOR**

**PRACTICE TEST FOR SCIENCE, GRADE 4**

*(Test items developed for skills measured in LA03)*

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**Skills**

- |  |                                      |
|--|--------------------------------------|
| 1.0 Science Inquiry                          | 3.0 Life Science                     |
| 1.1 Abilities to do Scientific Investigation | 3.1 Characteristics of Organisms     |
| 1.2 Understanding Scientific Inquiry         | 3.2 Life Cycles of Organisms         |
|  | 3.3 Organisms and Their Environments |
| 2.0 Physical Science                         | 4.0 Earth and Space Science          |
| 2.1 Properties of Objects and Materials      | 4.1 Properties of Earth Materials    |
| 2.2 Position/Motion of Objects               | 4.2 Objects in the Sky               |
| 2.3 Forms of Energy                          | 5.0 Science and the Environment      |
|  | 5.1 Understanding the Environment    |

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Number of questions: 40

Number of pages: 12

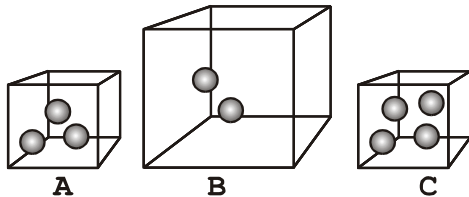
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LA03 PRACTICE TEST IN SCIENCE - GRADE 4  
FORM A

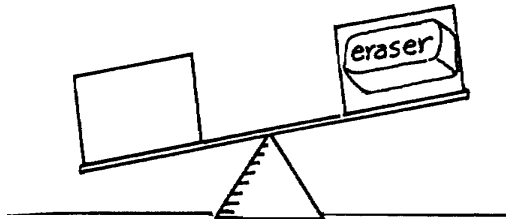
DIRECTIONS: Read each question and choose the correct answer.

1. Each ball has a mass of one gram. Which box has the greatest mass?







- A. A  
B. B  
C. C  
D. They are all equal.

2.



Which of the items below could be put in the empty box to make this balance true?

- A.  rock
- B.  chalk
- C.  cotton ball
- D.  pencil

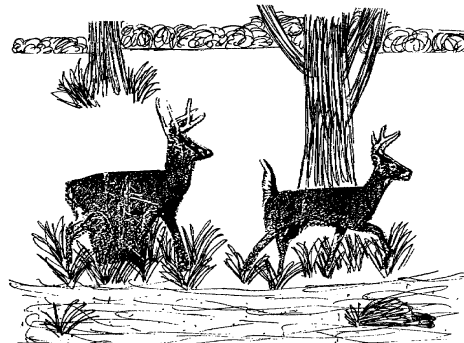
3. What is the first stage in the life of a butterfly?

- A. There is not one.  
B. A young butterfly lives in a cocoon.  
C. A young butterfly is a caterpillar.  
D. A young butterfly starts as a firefly.

4. Which of these is one of the reasons there are many animals on the endangered species list?

- A. Too many of that kind of animals are born.  
B. People are destroying the habitats of these animals.  
C. The animals are not reproducing.  
D. They are not strong enough.

5. Which of the objects in this picture will provide both food and shelter for the deer?



- A. grass  
B. leaves  
C. trees  
D. soil