Mirror Images

**INSTRUCTIONS**

Use a mirror to read the three messages below. Then answer the following questions.



1. Which of these images is a true reflection in a plane mirror?

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2. How were the other images made?

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3. Consider all of the letters of the alphabet. What capital letters look the same when they are reflected in a mirror?

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4. Use a ruler to draw the reflected images of the objects below.



5. Were there any differences between the object and its image in the plane mirror
with respect to:

(a) size?

 F \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_   Sailboat \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(b) distance from the mirror?

 F \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_   Sailboat \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(c) orientation?

 F \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_   Sailboat \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_