

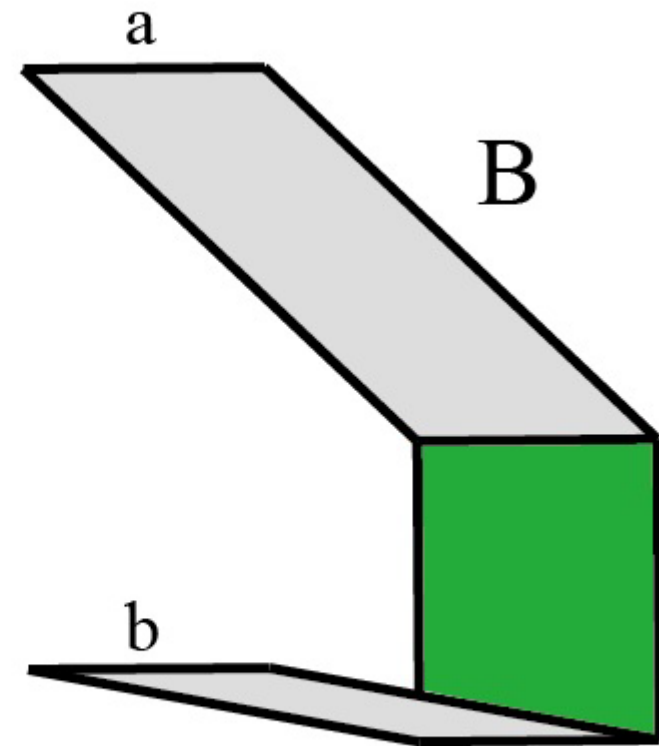
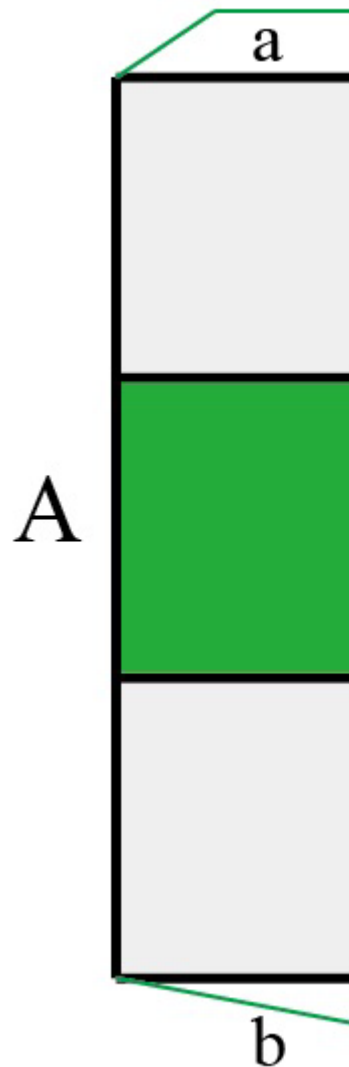
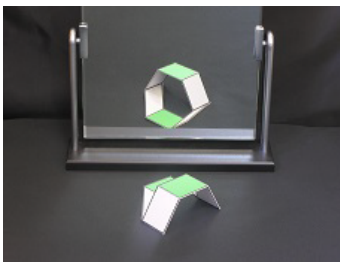
Partly Invisible Object VH

Kokichi Sugihara



The lower half of the regular hexagonal prism disappears when it is reflected in a mirror.

The true shape of the object is as shown in the right image; the lower half is a horizontal picture.



This is an unfolded diagram of the object. It consists of two parts A and B. The part A corresponds to the upper half of the object, which is the true shape of the upper half of the hexagonal prism; hence it should be folded along the two edges in 120 degrees. The part B corresponds to the lower half, which is a flat structure; hence it should not be folded. Glue them together so that the same symbols “a” and “b” match. The mirror should be oriented a little downward. Hence please use a mirror rotatable around a horizontal axis, and find the best orientation .