



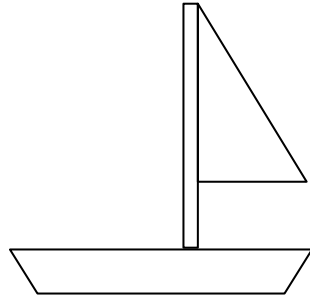
Problem of the Week

Problem A

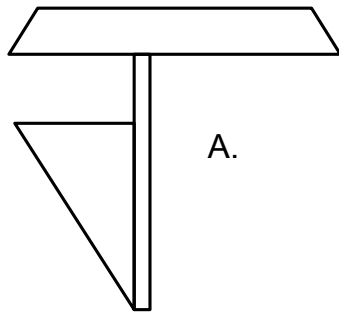
Ship Flip

A transformation is the result of moving a shape according to a rule. There are three basic transformations: translate (slide), rotate (turn) and reflect (flip).

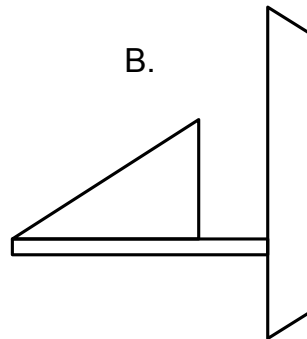
A sailing ship that is shown in the diagram on the right has one side that is simply an outline of the image. The other side of the ship, which is not shown, is filled in (black).



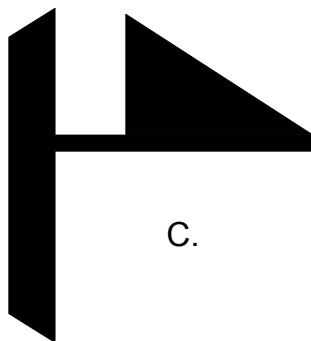
Identify which of the following images are a result of one or more transformations of our original image? Explain your reasoning.



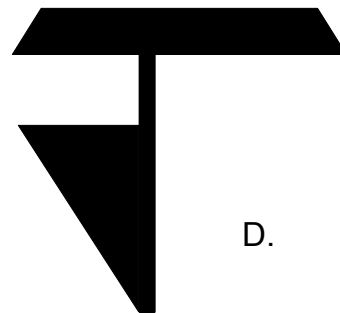
A.



B.



C.



D.

