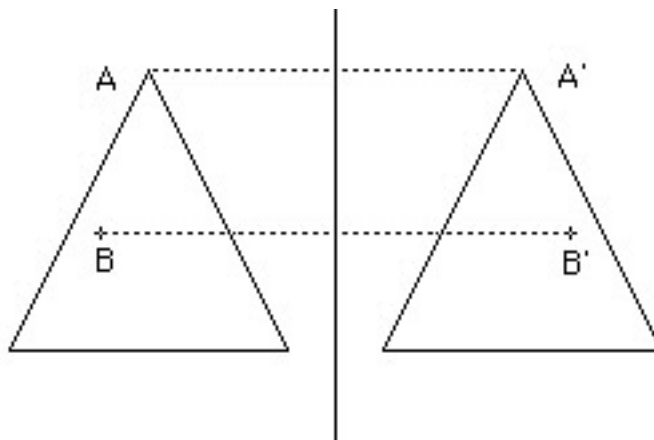


## Symmetry and Asymmetry in Nature

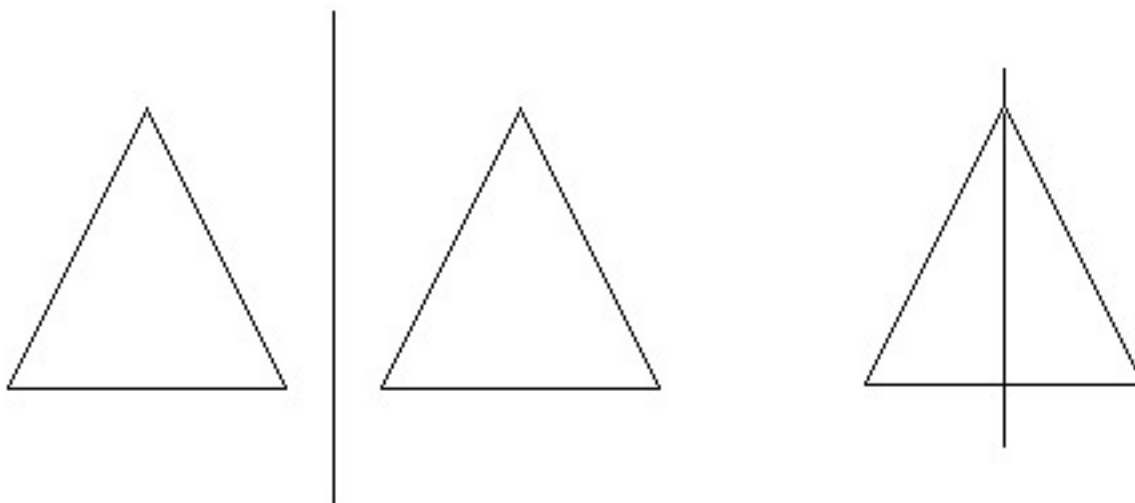
### Activity 2. Mirror Symmetry

#### Objects that are symmetrical to each other

- The mirror image is obtained by reflecting each point on the other side of the mirror perpendicularly and at the same distance.



- Some objects are identical with their mirror images. For example an isosceles triangle and its image are exactly alike.



- In this case the objects have mirror symmetry. A two-dimensional figure has mirror symmetry if there is a bisecting line that divides the figure into mirror-image halves.
- A three dimensional figure has mirror symmetry if there is a bisecting plane that divides it into mirror halves.