

Symmetry



There are many forms in nature that are perfectly symmetrical.

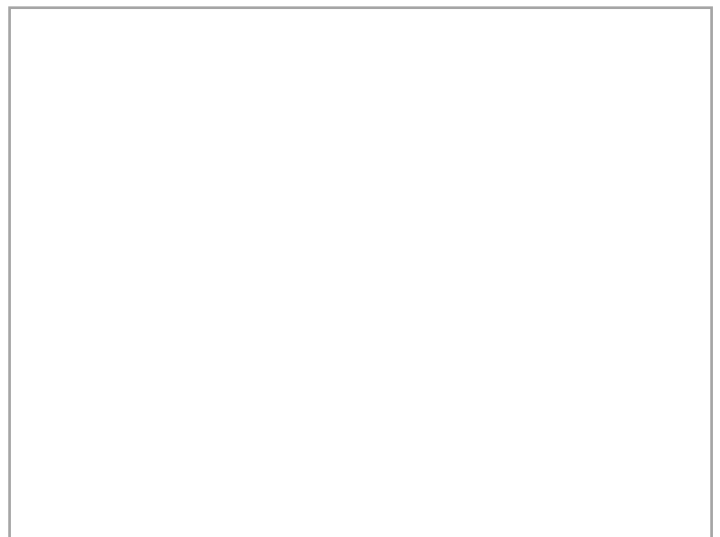
This means that you can divide the object into two equal parts that act as a reflection of the other.



1. Is your body symmetrical? Explain your answer.

Human bodies are externally symmetrical with most people having two legs, two arms and a symmetrical face. Of course there are individual differences between people, for example freckles. Internally it is a different story with the placement of our organs! While we have two kidneys which are symmetrical, we only have one heart on our left hand side, and our liver is on the right hand side.

2. Draw another animal that is symmetrical.

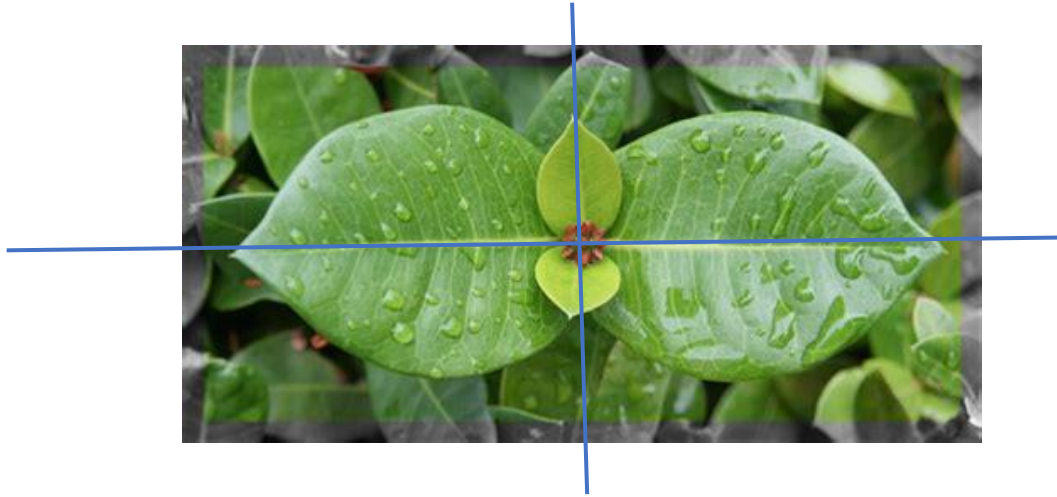


In the plant world, we can often observe species that have **more than one line of symmetry.**

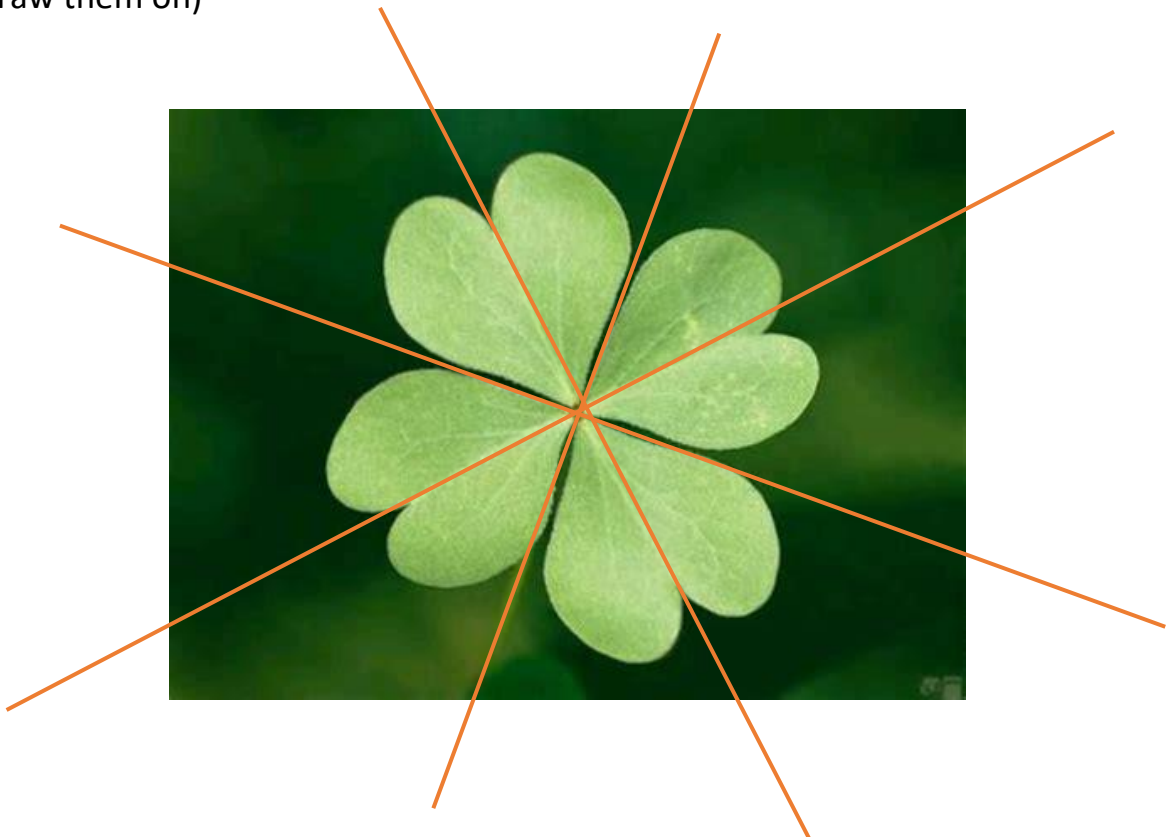
For example,

The leaves below can be divided down the middle by a horizontal line AND a vertical line.

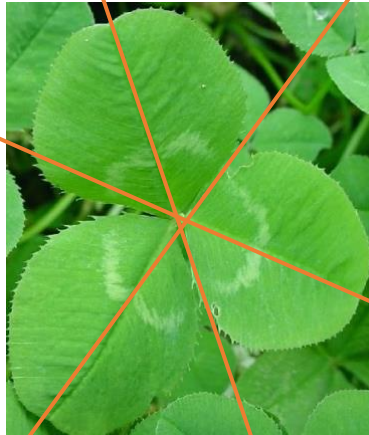
This image has TWO lines of symmetry.



3. How many lines of symmetry does this four leaf clover have? **FOUR**
(draw them on)



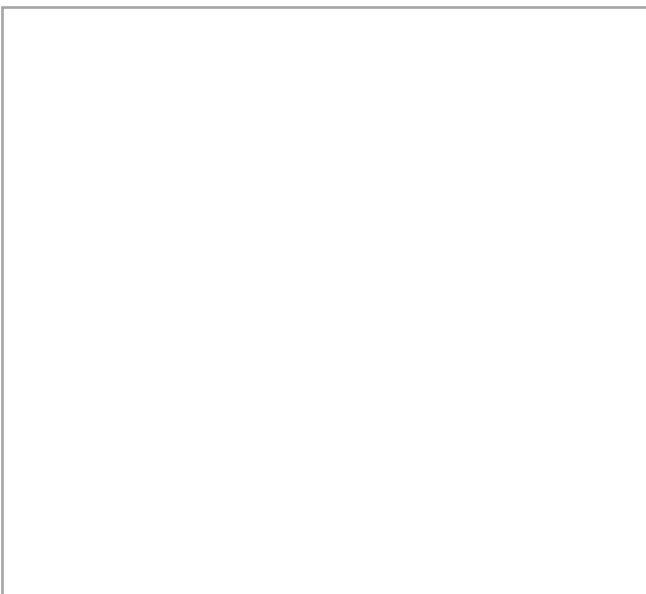
4. How many lines of symmetry does this three leaf clover have? **THREE**



This beautiful flower would have many lines of symmetry!



5. Go outside and see what natural forms of symmetry you can find.
Draw two examples:



6. Can you think of an animal that has more than one line of symmetry? **A starfish.**
7. Finish by completing the other half of the tiger's face.

