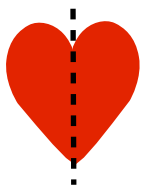
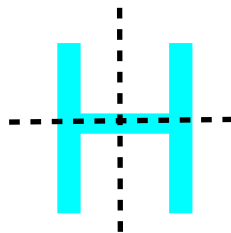


Symmetry

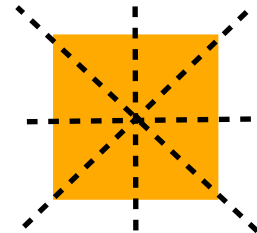
Symmetry is all around us. We say that an object is symmetrical when one side is exactly the same as the other side. Some objects have more than one line of symmetry. An object has line symmetry when it can be divided into two pieces which are mirror images of each other. The line that divides the image into two identical parts is called a line of symmetry. Some objects have more than one line of symmetry. A circle is an example of an object with many lines of symmetry.



One line



Two Lines



Four Lines

Goal:

Figure out which letters and numbers are symmetrical.

You will need:

- magnetic numbers or letters or printed numbers or letters
- a string or mirror

What to do:

Look at each number or letter carefully, is it possible to divide the letter or number into two pieces that are mirror images of each other? Use a mirror or a piece of string to help you explore.

1. Are all letters and numbers symmetrical? What did you discover?
2. Which letters have lines of symmetry in both their lowercase and uppercase versions?