

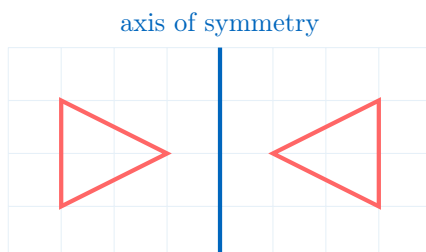
AXIAL SYMMETRY

A AXIAL SYMMETRY

Definition Axial symmetry

Axial symmetry means a figure can be split by a line, called the **axis of symmetry**, so that one half is a mirror image of the other. If you fold the figure along this line, the two halves match perfectly.

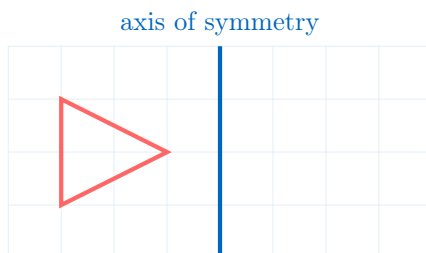
Ex:



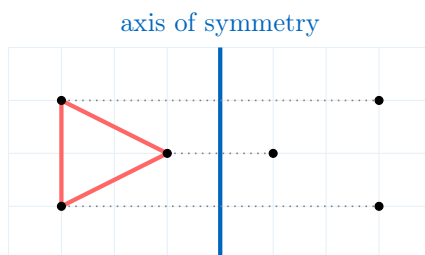
B DRAWING THE MIRROR OF A FIGURE

Method Drawing the mirror of a figure

Let's draw a mirror image of a triangle on graph paper.



1. **Draw the mirror vertices:** For each vertex, count the squares to the mirror line (left or right). Place a new point on the other side of the line, the same number of squares away.



2. **Draw the mirror figure:** Connect the mirror vertices with lines in the same order as the original figure.

