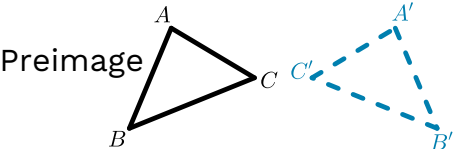
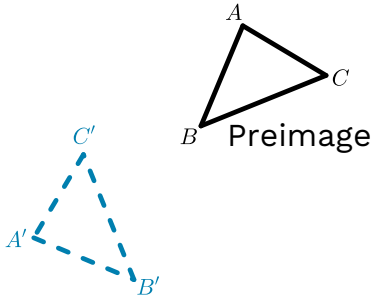
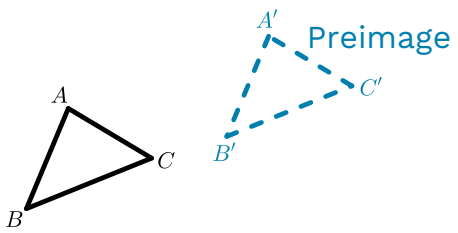


Preimage

Examples & Non-Examples

Example	Example	Non-Example
		

Definition

A **preimage** is the **original figure before** a transformation is applied.

Key Points:

- It's the **starting shape** in any transformation (like a translation, reflection, rotation, or dilation).
- The result after the transformation is called the **image**.
- Points in the preimage are often labeled with letters like A , B , C , and the corresponding points in the image are labeled A' , B' , C' (with prime symbols).

Example:

If you reflect triangle ABC over the y -axis to get triangle $A'B'C'$, then ABC is the **preimage**.

