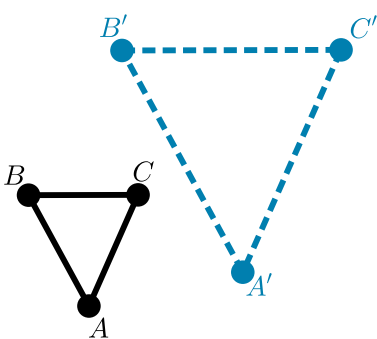
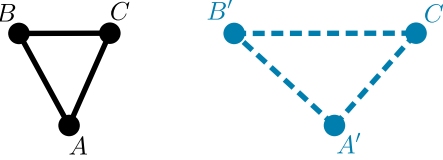
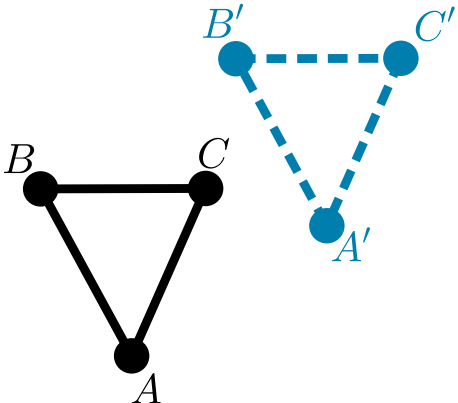


Non-Rigid Transformation

Examples & Non-Examples

Example	Example	Non-Example
 <p>A small black triangle with vertices labeled A, B, and C is shown. To its right is a larger blue dashed triangle with vertices labeled A', B', and C'. The shape is preserved, but the size is increased.</p>	 <p>A small black triangle with vertices labeled A, B, and C is shown. To its right is a smaller blue dashed triangle with vertices labeled A', B', and C'. The shape is preserved, but the size is decreased.</p>	 <p>A black triangle with vertices labeled A, B, and C is shown. To its right is a blue dashed triangle with vertices labeled A', B', and C'. The shape is distorted, and the size is also changed.</p>

Definition

A transformation that changes the size of a figure, meaning distances are not preserved (though the shape may still stay the same, as in a dilation).