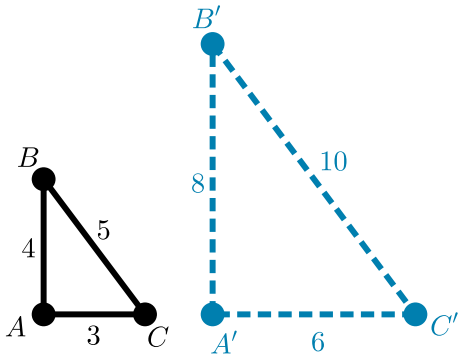
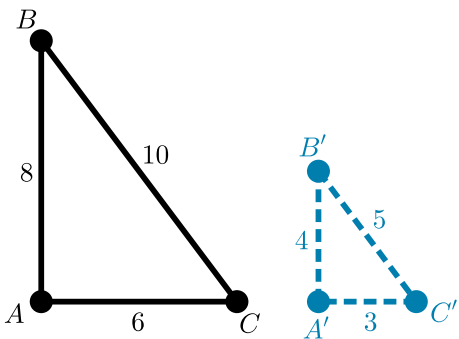
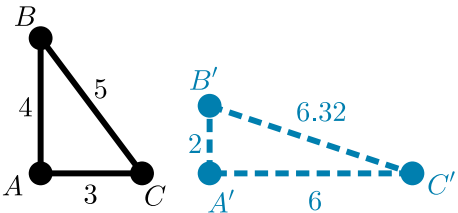


# Scale Factor

## Examples & Non-Examples

Example	Example	Non-Example
<p data-bbox="215 310 451 346">Scale Factor: 2</p> 	<p data-bbox="686 310 938 367">Scale Factor: <math>\frac{1}{2}</math></p> 	

## Definition

The number that determines how much a figure is enlarged or reduced in a dilation, found by the ratio of a length in the image to the corresponding length in the original figure.