

<Student Name>

Dr. Huson

11.2 Geometry

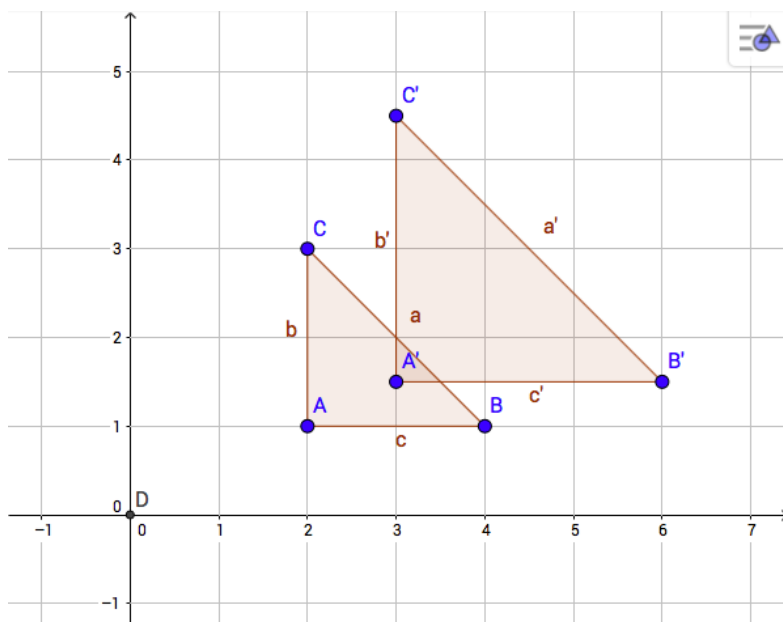
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Classwork: Create a dilation example

- Use Geogebra.org and Word
- Choose your own shape and dilation
- Save your Word and pdf files in a Google Drive folder named "Huson-<your last name>", shared with husonbeca@gmail.com

Dilation Example in Geogebra

Shown in Figure 1 is a mapping of the triangle ABC after a dilation by $\frac{3}{2}$ centered on the origin.



Note: Use the polygon and dilation tools in Geogebra. Snap a screenshot using the Grab utility and copy/paste the image into a Word document.

Figure 1

The coordinates before and after the transformation are shown in Table 1.

Preimage	Image
$A(2,1)$	$A'(3, 1.5)$
$B(4, 1)$	$B'(6, 1.5)$
$C(2, 3)$	$C'(3, 4.5)$

Table 1

Note: Word's Insert>Table command is a good way to format your data