

GQ: How do we communicate examples of compositions?

CCSS: MP5 Use appropriate tools strategically

7.4 Tuesday 7 January

Project: Reflection and dilation composition of a \triangle

1. Use Geogebra & MS Word to write a 1+ page paper
2. Perform the following operations:
 - 2.1 Bisect the angle of one vertex of a triangle, $\triangle ABC$
 - 2.2 Reflect $\triangle ABC$ across the bisector, creating image $\triangle A'B'C'$
 - 2.3 Dilate the image, $\triangle A'B'C' \rightarrow A''B''C''$
3. In the text, describe your steps, the mappings and congruences.
4. Use proper notation and the equation editor. Follow MLA.
5. Email a pdf file, subject line: Dilation composition assignment

Homework: Complete exploration paper (10:00 deadline)

GQ: How do we assess project papers?

CCSS: MP5 Use appropriate tools strategically

7.4 Tuesday 7 January

Project Criteria: Reflection and dilation composition of a \triangle

1. Perform the complete construction in Geogebra. (30 points)
2. Describe the steps, mappings, & congruences. (20 points)
3. Use proper notation, the equation editor, color. (15 points)
4. Follow MLA. (20 points)
5. Submit a pdf file (10 points)
6. Email subject line: Dilation composition assignment (5 points)