

COMPOSITION BOOK ENTRY: Glue only the anchor tab in your composition book.  
Flip the questions up and record your answers to the lab questions underneath.

**GGB Lab: Euclid's Proposition Equilateral Triangle**

**GGB Lab: Euclid's Proposition 1 – An Equilateral Triangle**

COMPOSITION BOOK ENTRY

date: \_\_\_\_\_

QUESTION 1: Drag point A or point B. What happens to your triangle? Does it appear to remain equilateral?

QUESTION 2: Explain why the triangle is always equilateral. (HINTS: What roles do circles play in the construction? How are they related to one another? How are the sides of the triangle related to the circles?)

QUESTION 3: Drag point A or point B. Make a conjecture about the angles in an equilateral triangle.

QUESTION 4: Why do the triangles fill the plane without any gaps or overlaps?