GEOGEBRA CONSTRUCTION PROJECT
Due September 7

Start with:

Draw and label $\overleftrightarrow{AB}$.

Label point C so that A, B, and C are noncollinear.

Perform the following constructions and color the final construction in the shaded colors indicated. **LEAVE ALL CONSTRUCTION CIRCLES IN BLACK**

1) Construct ⊥ bisector of $\overline{AB}$ and label midpoint F.
2) Copy ∠AFC to construct ∠FBI
3) Construct bisector of ∠IBF and label $\overrightarrow{BG}$
4) Construct Equilateral Triangle AFR

Turn in via Geogebra.