Math 250 Rich-Problem Investigation w/Geogebra

Project #4

The Problem: ΔABC has vertices $A(0,0)$, $B(-4,-2)$ and $C(8,-8)$. What is the equation of the median to side $\overline{AB}$, and at approximately what point does the median intersect side $\overline{AB}$?

    a. Solve the above problem with pen and paper algebraic methods and verify and support your answers with a dynamic Geogebra presentation which explains and verifies the calculations. (One team member could do the algebraic method, and the other could do the Geogebra method.)

    b. Identify one (1) high-level standard and four (4) sub-standards from the Common Core website, listing their identifier numbers and brief heading descriptions.