

This is a coordinate plot for the triangle with vertices $\mathbf{A}=(\mathbf{2}, \mathbf{5}), \mathbf{B}=(\mathbf{5}, 6)$ and $\mathbf{C}=(\mathbf{8}, \mathbf{1 3})$ and also the point $X=(6,9)$. Note that $X$ (apparently) lies inside of the triangle.

