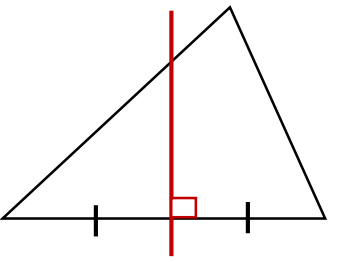
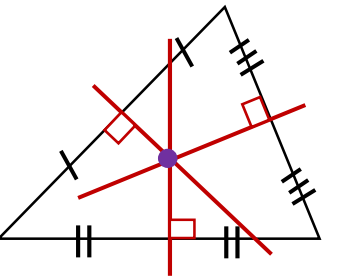
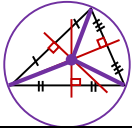
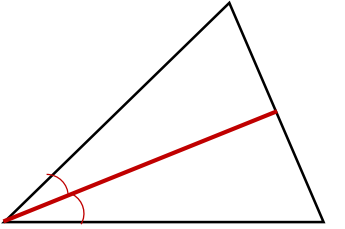
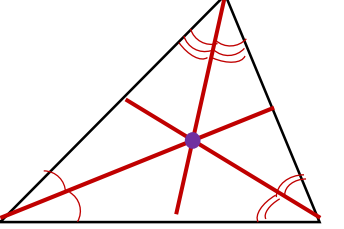
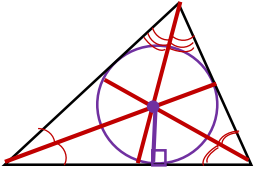
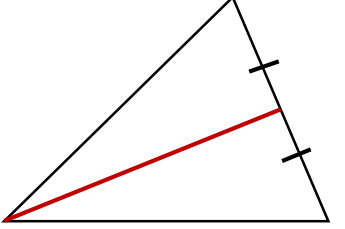
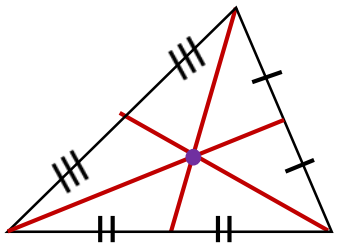
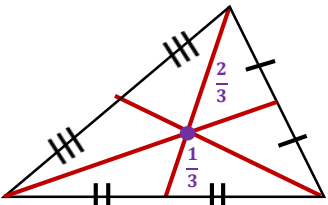
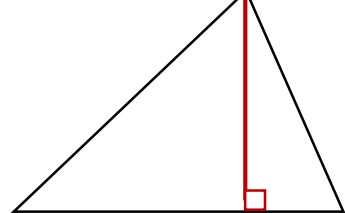
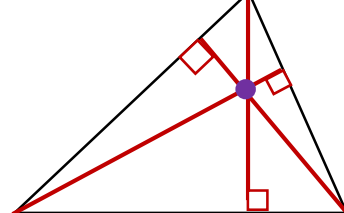


Points of Concurrency Graphic Organizer

Lines Used	Example of special line	Point of Concurrency	Example of point of concurrency	Properties of points of concurrency
<p style="text-align: center;"><i>Perpendicular Bisector</i></p>		<p><i>Circumcenter</i></p>		<p><u><i>Circumcenter</i></u></p> <ul style="list-style-type: none"> • <i>is equidistant from the vertices of the triangle</i> • <i>why? the circumcenter is the center of the circumcircle and the radii go from the circumcenter to the vertices of the triangle</i> 
<p style="text-align: center;"><i>Angle Bisector</i></p>		<p><i>Incenter</i></p>		<p><u><i>Incenter</i></u></p> <ul style="list-style-type: none"> • <i>is equidistant from the sides of the triangle</i> • <i>why? the incenter is the center of the incircle and the radii go from the incenter to the sides of the triangle with \perp distance.</i> 
<p style="text-align: center;"><i>Median</i></p>		<p><i>Centroid</i></p>		<p><u><i>Centroid</i></u></p> <ul style="list-style-type: none"> • <i>is $\frac{2}{3}$ from the vertex and $\frac{1}{3}$ from the opposite side, along the median.</i> 
<p style="text-align: center;"><i>Altitude</i></p>		<p><i>Orthocenter</i></p>		<p><u><i>Orthocenter</i></u></p> <ul style="list-style-type: none"> • <i>orthocenter has no properties to learn at this time</i>