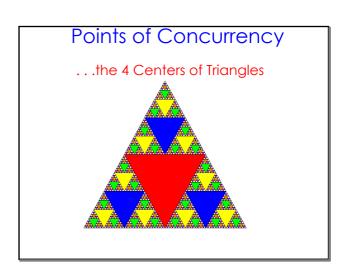
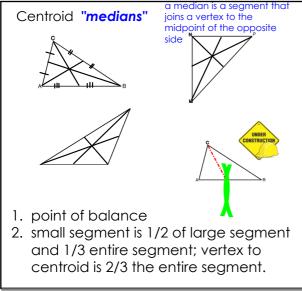


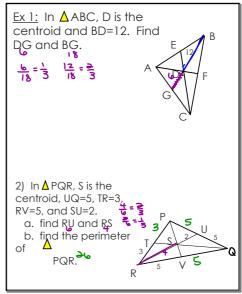
Dec 14-9:33 AM



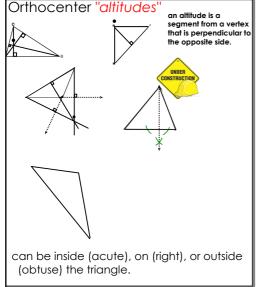
Jan 28-9:26 AM



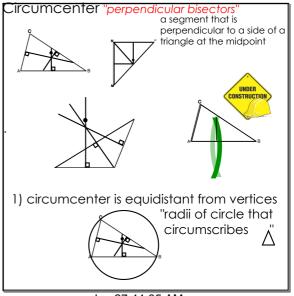
Jan 27-11:31 AM



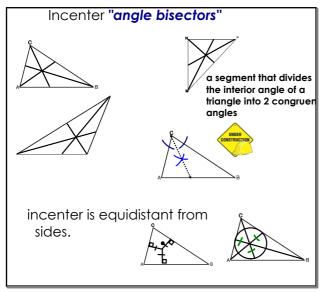
Dec 14-9:27 AM



Jan 27-11:35 AM



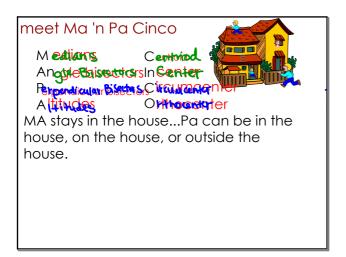
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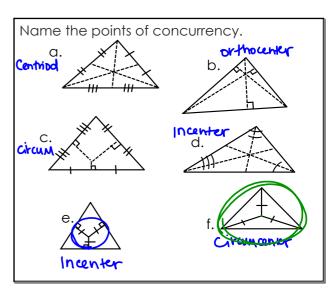
Mar 13-12:22 PM



Jan 27-11:45 AM

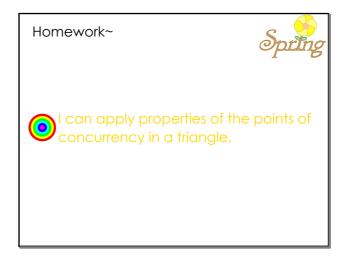


Nov 20-9:22 AM



Jan 27-12:17 PM

| | Perpendicular Bisector | Angle Bisector | Median | Altitude |
|---------------------------------|---|---|--|---|
| Definition | Segment that is perpendicular to a side of the triangle at the midpoint | Segment that divides an interior angle of the triangle into two congruent angles | Segment that joins a vertex to the midpoint of the opposite side | Segment from a vertex that is perpendicular to the opposite side (or an extension of it) |
| Point of Concurrency | Circumcenter | Incenter | Centroid | Orthocenter |
| Location: Acute Δ | Inside | Inside | Inside | Inside |
| Right Δ | Hypotenuse | Inside | Inside | Right angle vertex |
| Obtuse Δ | Outside | Inside | Inside | Outside |
| Vertex as Endpoint? | Sometimes | Always | Always | Always |
| Special Properties | Circumcenter is equidistant from vertices and is the center of a circumscribed circle | Incenter is equidistant from the sides of triangle and is center of inscribed circle | Centroid is 2/3 of distance from vertex to opposite side. Centroid is center of gravity | \times |
| Illustration | perpendicular bitector | angle bisector | medias A | altitude |



Mar 28-10:16 AM Jan 31-1:20 PM

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