|  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- |
| name | perpendicular <br> bisector | angle bisector | altitude | median |
| definition | the line that <br> divides into two <br> equal parts and <br> makes <br> a 90 angle with <br> it | the ray that starts <br> at a vertex and <br> divides an angle <br> into two equal <br> parts | the line segment <br> that starts at one <br> vertex and <br> makes a 90 <br> angle with the <br> opposite side | the line segment <br> that starts at one <br> vertex and ends <br> at the bisector of <br> the opposite side |
| diagram |  |  |  |  |
| point of <br> intersection | circumcenter | incenter | orthocenter | centroid |
| special property | center of <br> circumscribed <br> triangle | center of <br> inscribed triangle | no special <br> property | center of mass |

