

Relationships in Triangles

Perpendicular Bisectors: <https://www.youtube.com/watch?v=xMJcQf0ilk>

Angle Bisector: <https://www.youtube.com/watch?v=n5L6pesFoUg>

Theorems:

Perpendicular Bisector Thm: <https://www.youtube.com/watch?v=PYZxNh3OQ-A>

Angle Bisector Thm: <https://www.youtube.com/watch?v=6WZRypy7ry0>

Circumcenter Thm: <https://www.youtube.com/watch?v=smX3stNDA4w>

Incenter Thm: https://www.youtube.com/watch?v=8jLMJW_wlds

Centroid Thm: <https://www.youtube.com/watch?v=ixBXgQvWpT4>

Orthocenter: <https://www.youtube.com/watch?v=sdWbyxPvcA4>

Midsegment Thm: <https://www.youtube.com/watch?v=RSyooFXnrSk>

Triangle Inequality Thm: <https://www.youtube.com/watch?v=KlKYvbigBqs>

Hinge Thm: <https://www.youtube.com/watch?v=dDVqfVSc3LY>

Proofs:

Perpendicular Bisector Proof: <https://www.youtube.com/watch?v=pAHdpFNcS6o>

Angle Bisector Proof: <https://www.youtube.com/watch?v=R2NqB7SVRCI>

Indirect: <https://www.youtube.com/watch?v=jvWSOXVP34M>

Constructions:

Perpendicular bisector: <https://www.youtube.com/watch?v=5bvjinleMn5A>

Angle Bisector: <https://www.youtube.com/watch?v=2IP1NKYLKQw&t=63s>

Circumcenter of a triangle: <https://www.youtube.com/watch?v=aRxMJZdEUSQ>

Incenter: https://www.youtube.com/watch?v=4f6X_h5wbzQ

Inscribing a Circle: <https://www.youtube.com/watch?v=tEtP4YgV3v0>

Median and Centroid: <https://www.youtube.com/watch?v=1TdNsloUUXE>

Altitude: <https://www.youtube.com/watch?v=UzMXIyMrKIU>

Orthocenter: <https://www.youtube.com/watch?v=gFbgFIJfJ7E>

Random:

Writing Equations for Perpendicular Bisectors: https://www.youtube.com/watch?v=la_Q57NqjhQ

Altitudes of a Triangle: <https://www.youtube.com/watch?v=rZkTH2UMK8Q>

Midsegment of a Triangle: <https://www.youtube.com/watch?v=59wiwrcNMuo>