



 <u>Construct a Median</u> 10. Construct the midpoint of IK (see steps 1 - 4). Label the midpoint of IK point M. 11. Using a straight edge, draw a line segment connecting D and M. This is a Median. 12. Describe the properties of a median of a triangle. 	
	Properties of Median:
 <u>Construct an Altitude</u> 13. Place the compass on point J. Set the compass equal to the distance to K. Draw an arc. 14. Place the compass on the point L. Set the compass equal to the distance to K. Draw an arc. The two arcs should intersect. Label these points M and P. 15. Using a straight edge, draw a line between points M and P. This is an Altitude. 16. Describe the properties of an altitude of a triangle. 	K J L Properties of Altitude:
<u>Isosceles Triangle</u> Δ WTO is an isosceles triangle with vertex T. Make a conjecture about the perpendicular bisector, angle bisector and a median of an isosceles triangle.	Conjecture