

# Geo 3.4b Triangle Bisector and Center Definitions

Name \_\_\_\_\_ Date \_\_\_\_\_ Period \_\_\_\_

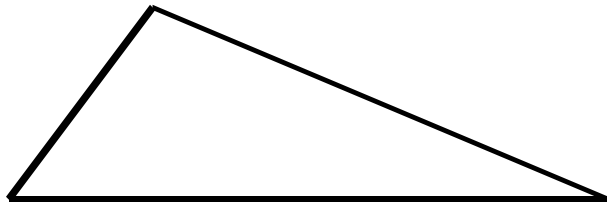
Use a straight edge and protractor to answer the following questions.

1. Define angle bisector and in the triangle below draw **ONE** of the angle bisectors. (Make sure that you use the correct markings.)

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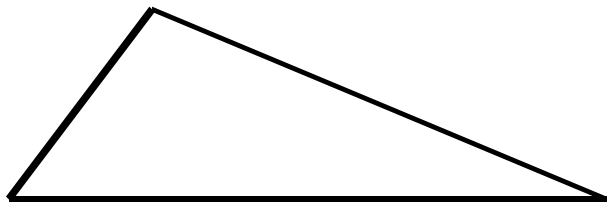


2. Define perpendicular bisector and in the triangle below draw **ONE** of the perpendicular bisectors. (Make sure that you use the correct markings.)

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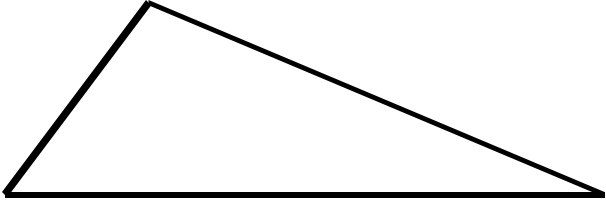


3. Define altitude and in the triangle below draw **ONE** of the altitudes. (Make sure that you use the correct markings.)

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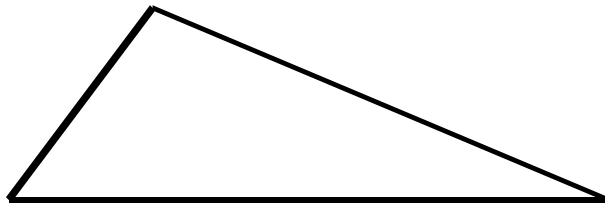


4. Define median and in the triangle below draw **ONE** of the medians.  
(Make sure that you use the correct markings.)

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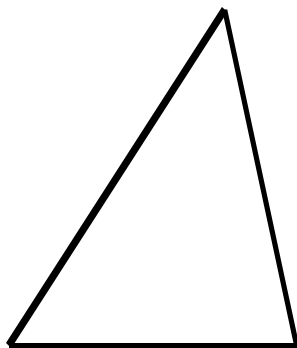


5. Define incenter and illustrate what it is in the triangle below.  
(Make sure that you use the correct markings.)

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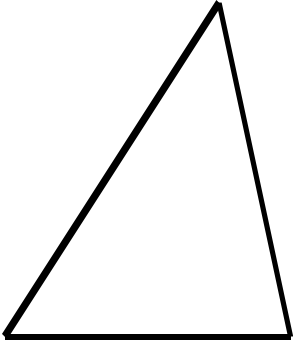


6. Define circumcenter and illustrate what it is in the triangle below.  
(Make sure that you use the correct markings.)

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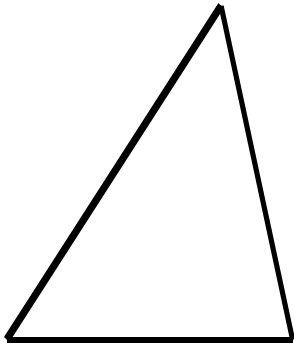


7. Define orthocenter and illustrate what it is in the triangle below.  
(Make sure that you use the correct markings.)

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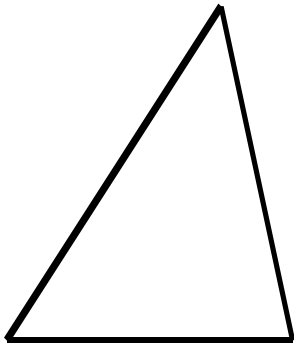


8. Define centroid and illustrate what it is in the triangle below.  
(Make sure that you use the correct markings.)

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9. Define midsegment and illustrate what it is in the triangle below.  
(Make sure that you use the correct markings.)

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