

NAME: \_\_\_\_\_

*G.G.21: Investigate and apply the concurrence of medians, altitudes, angle bisectors, and perpendicular bisectors of triangles*

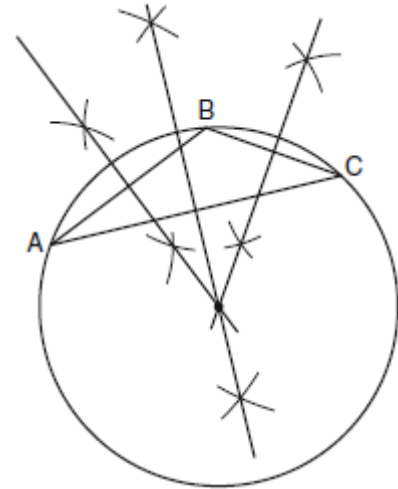
1. fall0825ge, P.I. G.G.21

In which triangle do the three altitudes intersect outside the triangle?

- [A] an acute triangle  
[B] an equilateral triangle  
[C] a right triangle     [D] an obtuse triangle

2. 080925ge, P.I. G.G.21

The diagram below shows the construction of the center of the circle circumscribed about  $\triangle ABC$ .



This construction represents how to find the intersection of

- [A] the perpendicular bisectors of the sides of  $\triangle ABC$   
[B] the medians to the sides of  $\triangle ABC$   
[C] the altitudes to the sides of  $\triangle ABC$   
[D] the angle bisectors of  $\triangle ABC$

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[1] D \_\_\_\_\_

[2] A \_\_\_\_\_