Geometry Practice: G.G.34
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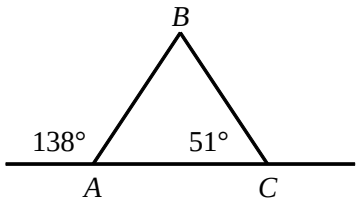
NAME:_____

P.I. G.G.34: Determine either the longest side of a triangle given the three angle measures or the largest angle given the lengths of three sides of a triangle

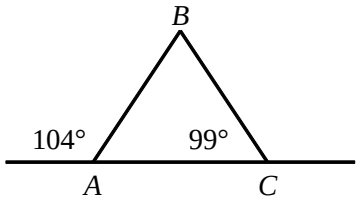
1. Find the largest side of the triangle. (not drawn to scale)



[A] $\overline{BC}$ [B] $\overline{AC}$

[C] $\overline{AB}$ [D] not enough information

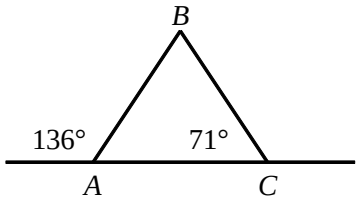
2. Find the largest side of the triangle. (not drawn to scale)



[A] $\overline{BC}$ [B] $\overline{AB}$

[C] $\overline{AC}$ [D] not enough information

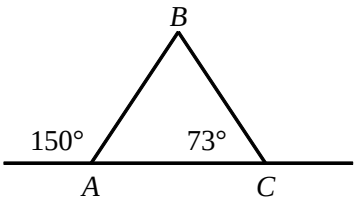
3. Find the largest side of the triangle. (not drawn to scale)



[A] $\overline{AB}$ [B] $\overline{BC}$

[C] $\overline{AC}$ [D] not enough information

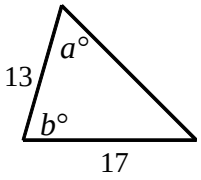
4. Find the largest side of the triangle. (not drawn to scale)



[A] $\overline{BC}$ [B] $\overline{AC}$

[C] $\overline{AB}$ [D] not enough information

5. Compare the quantity in Column A with the quantity in Column B.



Column A	Column B
a	b

[A] The quantity in Column A is greater.

[B] The quantity in Column B is greater.

[C] The two quantities are equal.

[D] The relationship cannot be determined on the basis of the information supplied.

6. Graph points $A(0, -2)$, $B(3, 4)$, and $C(7, 2)$. Write an inequality comparing angles A, B, and C.

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[1] B

[2] B

[3] A

[4] B

[5] D

[6] $\angle A < \angle C < \angle B$