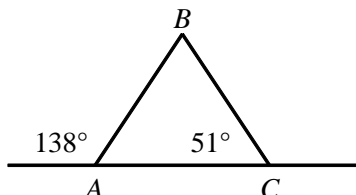


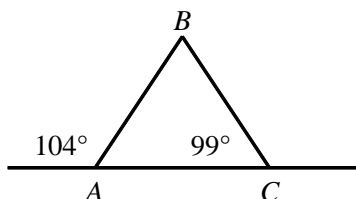
*P.I. G.G.32: Investigate, justify, and apply theorems about geometric inequalities, using the exterior angle theorem*

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



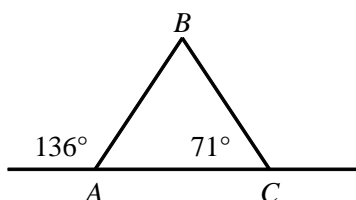
- [A]  $\overline{BC}$  [B]  $\overline{AC}$   
[C]  $\overline{AB}$  [D] not enough information

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

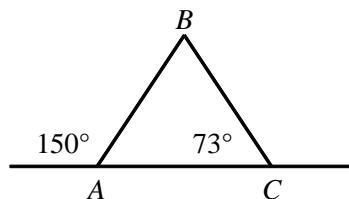
3. Find the largest side of the triangle. (not drawn to scale)



- [A]  $\overline{AB}$  [B]  $\overline{BC}$   
[C]  $\overline{AC}$  [D] not enough information

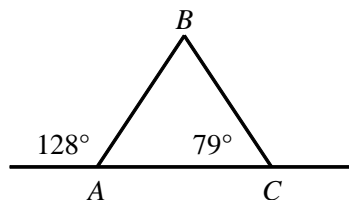
NAME: \_\_\_\_\_

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



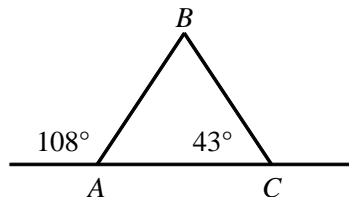
- [A]  $\overline{BC}$  [B]  $\overline{AC}$   
[C]  $\overline{AB}$  [D] not enough information

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



- [A]  $\overline{AB}$  [B]  $\overline{AC}$   
[C]  $\overline{BC}$  [D] not enough information

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



- [A]  $\overline{BC}$  [B]  $\overline{AB}$   
[C]  $\overline{AC}$  [D] not enough information

[1] B

[2] B

[3] A

[4] B

[5] A

[6] A