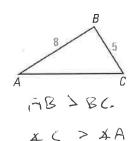
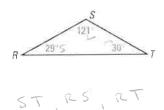
Given the triangle: Write an inequality for the angles or sides provided. Then write an inequality for any relationships ou can infer.

1.



List the sides of the triangle in order form least to greatest.

3.



5...

$$m \angle A = 10x, m \angle B = 5x - 17,$$

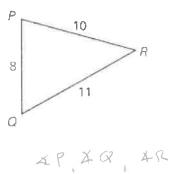
$$m \angle C = 7x - 1$$

$$A = 28$$

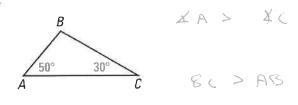
$$A = 28$$

List the angles of the triangle from greatest to least.

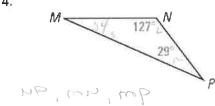
7.



2.



4.



6.
$$m \angle A = 5x + 2, m \angle B = 6x - 10,$$

$$m \angle C = x + 20$$

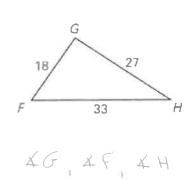
$$+ 2x + 12 = 180$$

$$\times 34$$

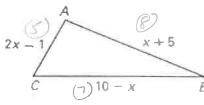
$$\times 34$$

AB BL AC

8.



9. Perimeter of the triangle is 20.



10. Perimeter of the triangle is 54.

12x+6=54 X=4 48 4C

11. Name the shortest segment in the figure.

Name all segments longer than BD.

- DC AB A D
- 12. Name the longest and shortest segments in the figure.

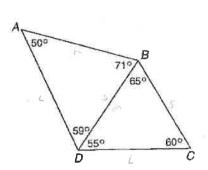
LougeTI : AD

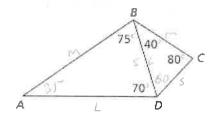
BC

Name all segments shorter than BD. Shortes : CIS

30

DC





13. List the sides in order from longest to shortest.

List the angles in order from smallest to largest

4 F. &G. &F

