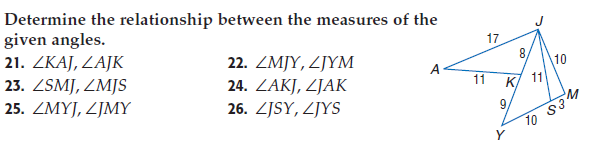
**Acc Geometry Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Practice Ext Angle Thm & Side-Angle Inq (4.2 & 5.2) Date\_\_\_\_\_\_\_\_\_**

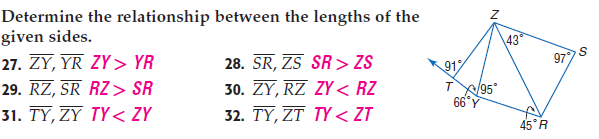
**Determine the relationship between the measures of the given angles.**

1.

2.

3.

**Determine the relationship between the length of the given sides.**

****

4.

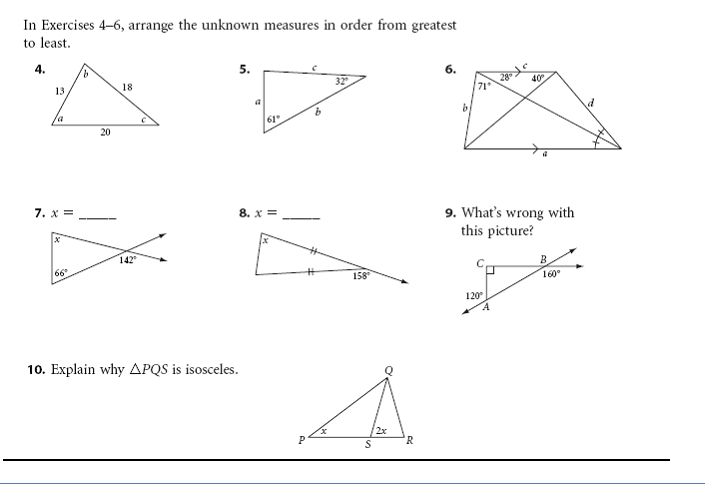
5.

6.

**List the sides of Triangle PQR in order from shortest to longest for the given angle measures.**

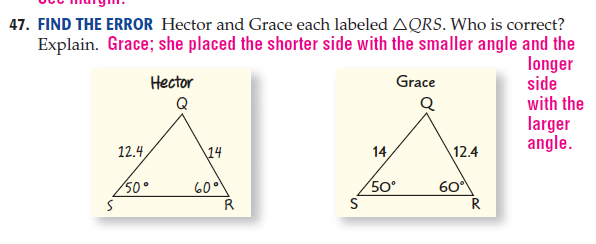
7. 

**Arrange the unknown measures in order from greatest to least.**

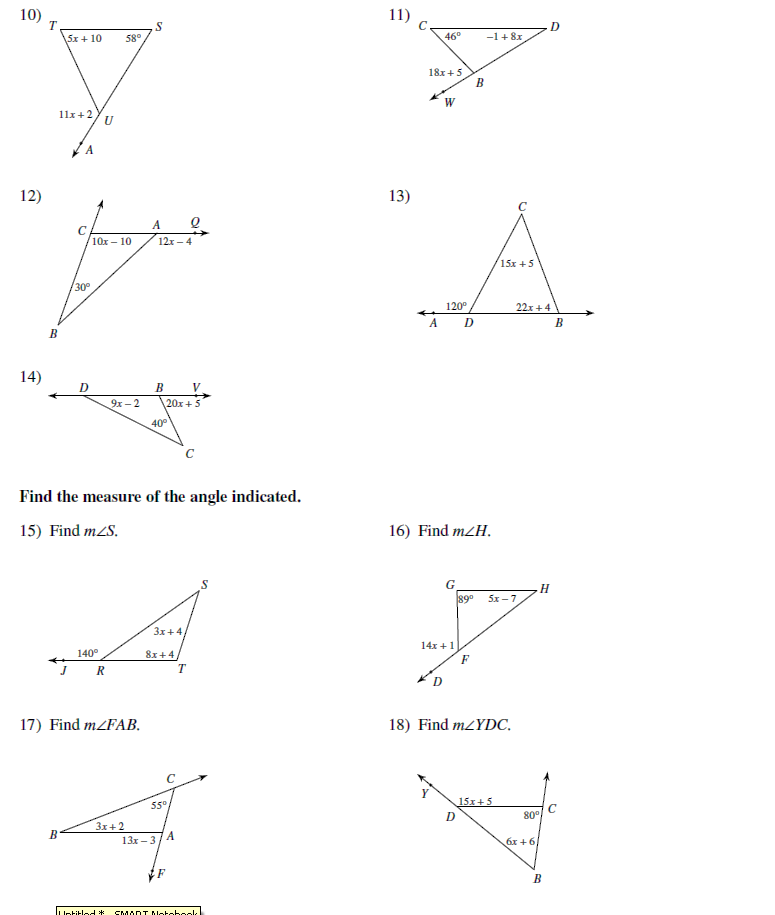
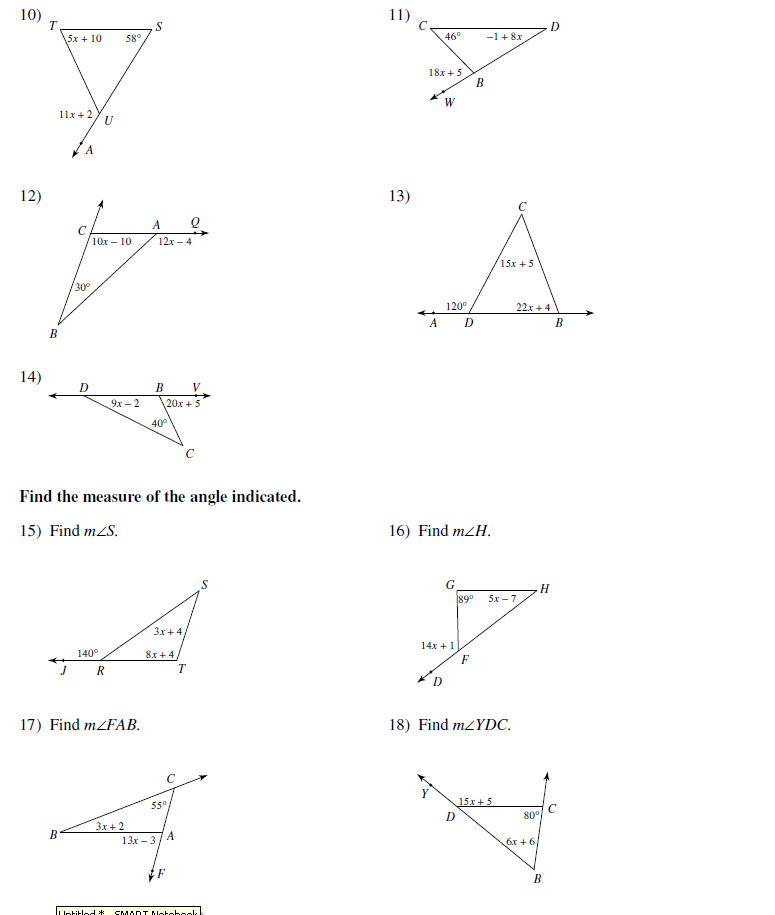
****

8.

9. Hector and Grace each labeled . Who is correct? Explain.



**Solve for x or find the indicate angle measure.**

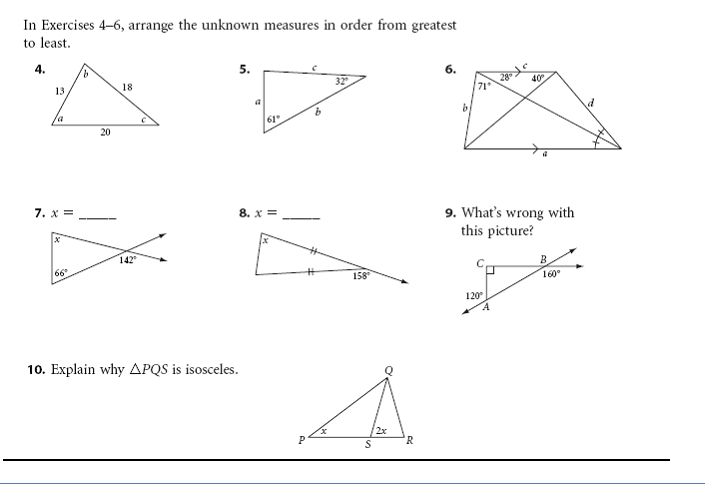


17)

16)

15)

14)

18. Explain why is isosceles.