Algebra 2   Name_____
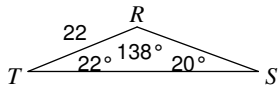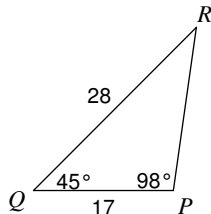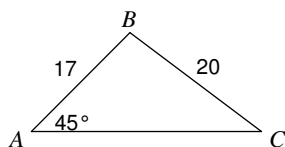
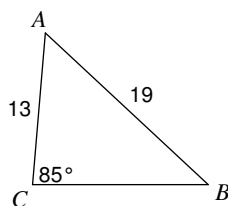# Group Work   Date_____

Use the Law of Sines. Find each measurement indicated. Round your answers to the nearest tenth.
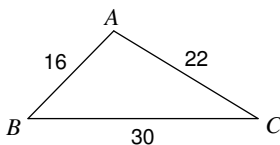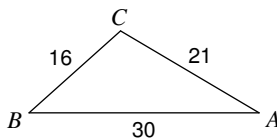
1) Find ST

2) Find PR

3) Find $m\angle C$
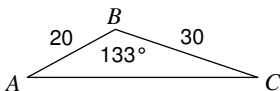

4) Find $m\angle B$

State the number of possible triangles that can be formed using the given measurements.

5) $m\angle B = 89°$, $b = 16$ km, $a = 8$ km

6) $m\angle B = 28°$, $a = 23$ yd, $b = 15$ yd

Use the Law of Cosines. Find each measurement indicated. Round your answers to the nearest tenth.

7) Find $m\angle B$

8) Find $m\angle B$

9) Find AC

10) Find BC