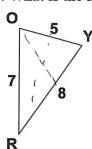
The largest side is opposite the largest angle the smallest angle Geometry

Corresponding Sides and Angles

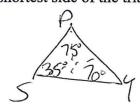
1. What is the largest angle of ΔROY ? What is the smallest angle of ΔROY ?



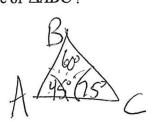


largest. 20 Smallist. 2R

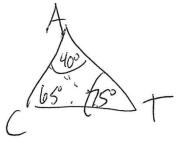
2. In triangle SPY, $m \angle S = 35^{\circ}$ and $m \angle Y = 70^{\circ}$. What is the largest side of the triangle? What is the shortest side of the triangle?

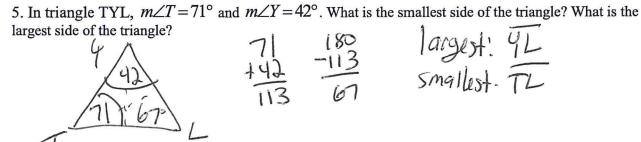


3. In $\triangle ABC$, $m \angle A = 45^{\circ}$ and $m \angle B = 60^{\circ}$. What is the largest side of $\triangle ABC$? What is the smallest side of $\triangle ABC$?



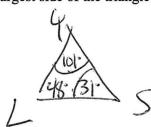
4. In $\triangle CAT$, $m\angle C = 65$, and $m\angle A = 40$. Which side is the shortest? Which side is the longest?





- largest: YL Smallest. TL

6. In triangle LYS, $m\angle L = 48^{\circ}$ and $m\angle Y = 101^{\circ}$. What is the smallest side of the triangle? What is the largest side of the triangle?



- 180 largest! LS 31 Smallest: YL
- 7. In $\triangle ABC$, $m\angle A = 60$, $m\angle B = 80$, and $m\angle C = 40$. Which inequality is true?
- 1) $AB > BC \leq M$
- 2) AC>BC L>M 3) AC<BA L<S

 - 4) BC < BA M < S



8. In the diagram of quadrilateral NAVY below, m\(\neq YNA = 30^\circ\), m\(\neq YAN = 38^\circ\), m\(\neq AVY = 94^\circ\), and $m\angle VAY = 46^{\circ}$.

Which segment has the shortest length?

