

Name : _____

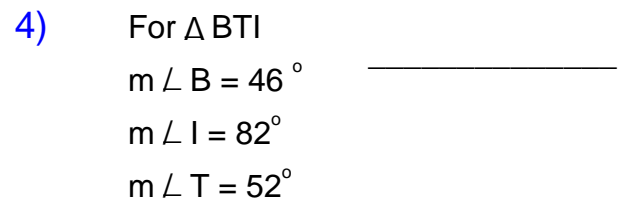
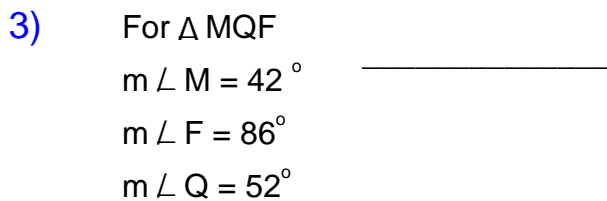
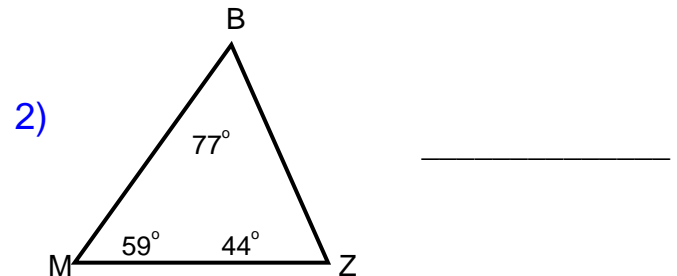
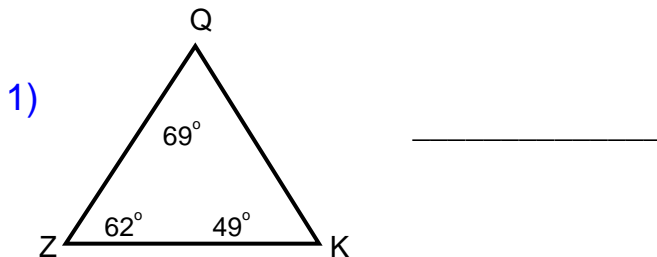
Score : _____

Teacher : _____

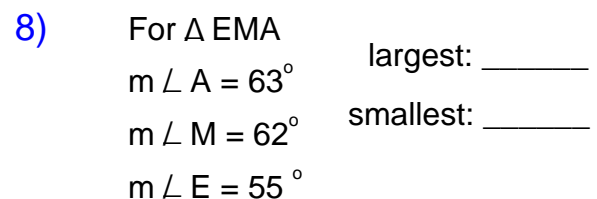
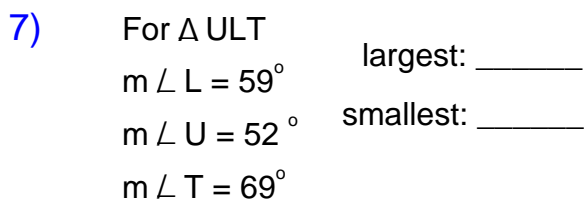
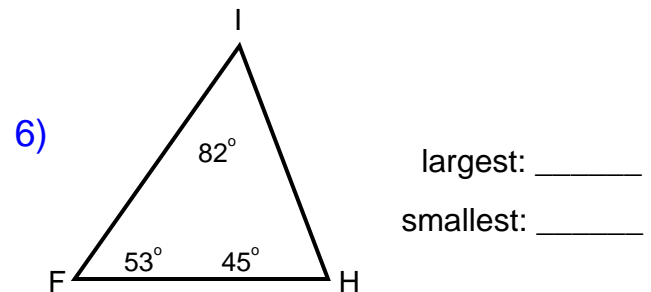
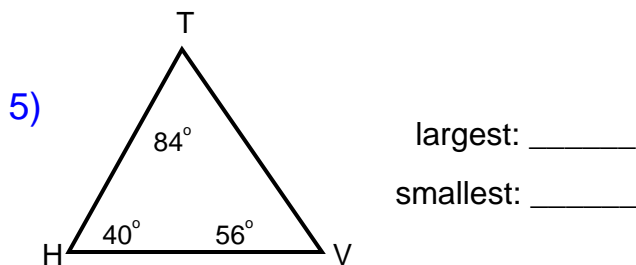
Date : _____

Triangle Inequality of Sides

Order each triangle's sides from largest to smallest.



Name the largest and smallest side for each triangle.



Name : _____

Score : _____

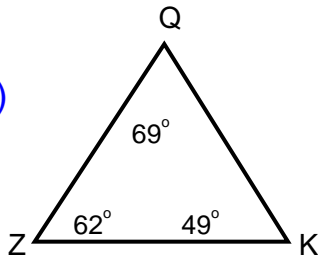
Teacher : _____

Date : _____

Triangle Inequality of Sides

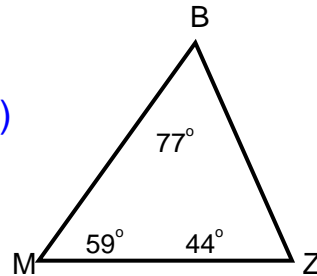
Order each triangle's sides from largest to smallest.

1)



KZ, KQ, ZQ

2)



ZM, ZB, MB

3) For $\triangle MQF$

$$m\angle M = 42^\circ$$

$$m\angle F = 86^\circ$$

$$m\angle Q = 52^\circ$$

MQ, MF, QF

4) For $\triangle BTI$

$$m\angle B = 46^\circ$$

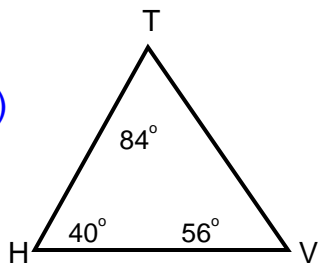
$$m\angle I = 82^\circ$$

$$m\angle T = 52^\circ$$

BT, BI, TI

Name the largest and smallest side for each triangle.

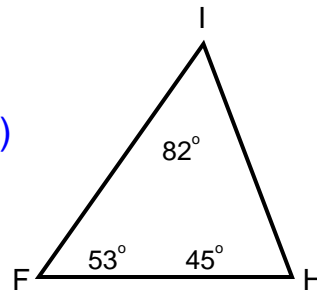
5)



largest: HV

smallest: TV

6)



largest: HF

smallest: IF

7) For $\triangle ULT$

$$m\angle L = 59^\circ$$

$$m\angle U = 52^\circ$$

$$m\angle T = 69^\circ$$

largest: UL

smallest: TL

8) For $\triangle EMA$

$$m\angle A = 63^\circ$$

$$m\angle M = 62^\circ$$

$$m\angle E = 55^\circ$$

largest: EM

smallest: AM

