

Name : \_\_\_\_\_

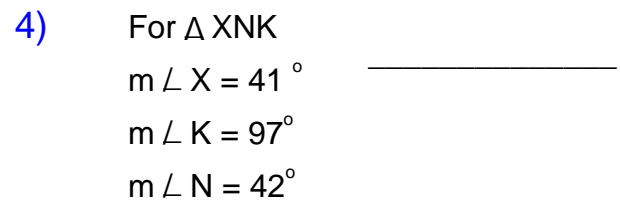
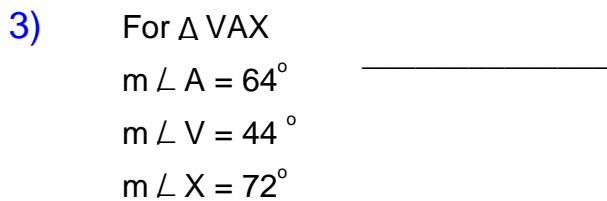
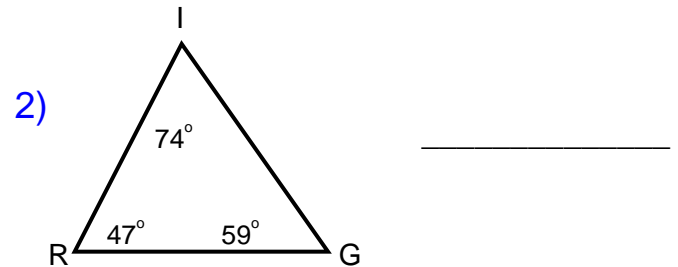
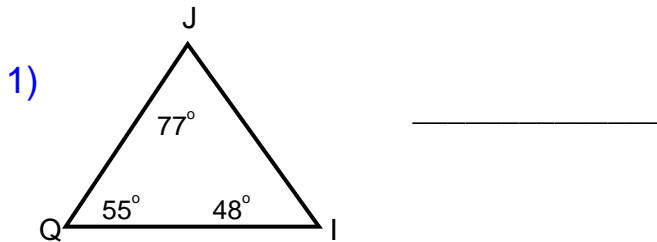
Score : \_\_\_\_\_

Teacher : \_\_\_\_\_

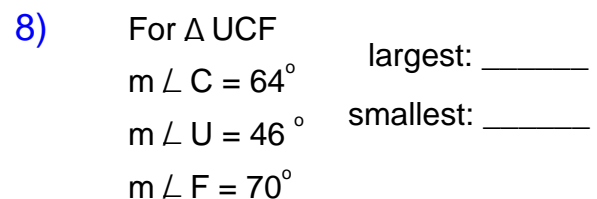
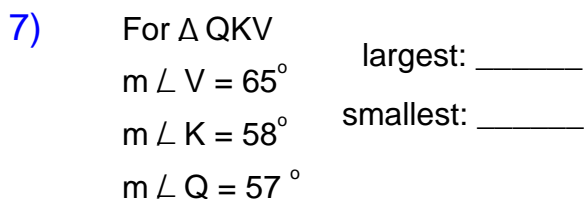
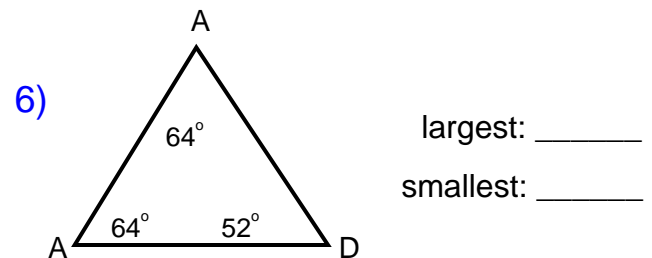
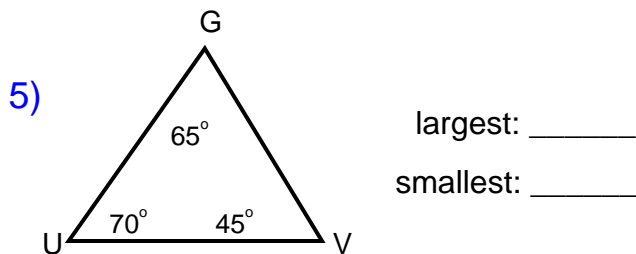
Date : \_\_\_\_\_

## Triangle Inequality of Sides

Order each triangle's sides from largest to smallest.



Name the largest and smallest side for each triangle.



Name : \_\_\_\_\_

Score : \_\_\_\_\_

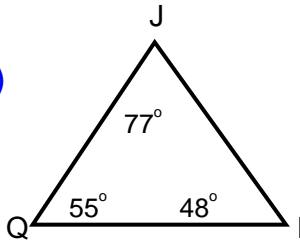
Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

## Triangle Inequality of Sides

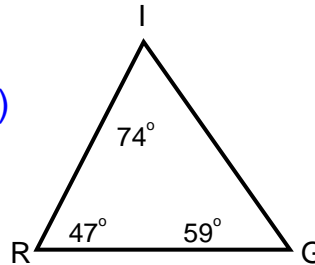
Order each triangle's sides from largest to smallest.

1)



IQ, IJ, QJ

2)



RG, RI, GI

3) For  $\triangle VAX$

$$m\angle A = 64^\circ$$

$$m\angle V = 44^\circ$$

$$m\angle X = 72^\circ$$

VA, VX, AX

4) For  $\triangle XNK$

$$m\angle X = 41^\circ$$

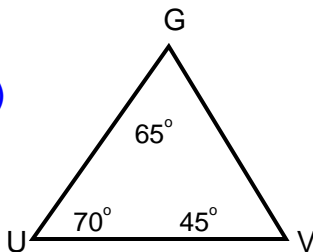
$$m\angle K = 97^\circ$$

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

XN, XK, NK

Name the largest and smallest side for each triangle.

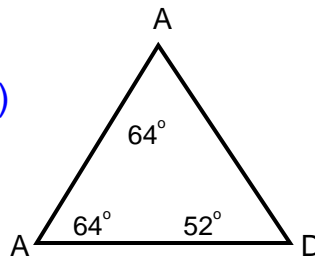
5)



largest: VG

smallest: UG

6)



largest: DX

smallest: AX

7) For  $\triangle QKV$

$$m\angle V = 65^\circ$$

$$m\angle K = 58^\circ$$

$$m\angle Q = 57^\circ$$

largest: QK

smallest: VK

8) For  $\triangle UCF$

$$m\angle C = 64^\circ$$

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

$$m\angle F = 70^\circ$$

largest: UC

smallest: FC

