Name : _____ **Score :** _____
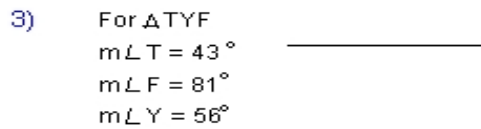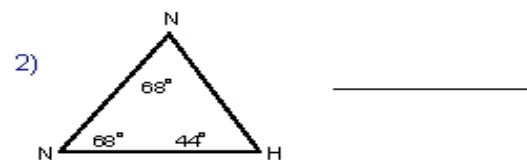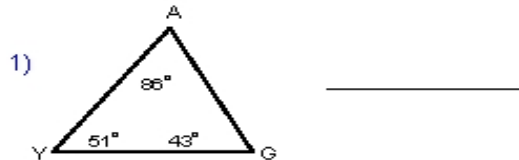
Teacher : _____ **Date :** _____

Triangle Inequality of Sides

Order each triangle's sides from largest to smallest.

1)

A
86°
51° 43°
Y   G

_____

2)

N
68°
68° 44°
N   H

_____

3) For △TYF
$m\angle T = 43°$
$m\angle F = 81°$
$m\angle Y = 56°$

_____

4) For △YGT
$m\angle G = 60°$
$m\angle Y = 57°$
$m\angle T = 63°$

_____
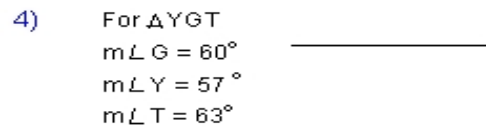
Name the largest and smallest side for each triangle.

5)

H
87°
46° 47°
V   I

largest: _____
smallest: _____

6)

M
88°
44° 48°
B   Z

largest: _____
smallest: _____

7) For △CPS
$m\angle S = 67°$
$m\angle P = 59°$
$m\angle C = 54°$

largest: _____
smallest: _____

8) For △ZHT
$m\angle T = 69°$
$m\angle H = 58°$
$m\angle Z = 53°$

largest: _____
smallest: _____

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