Triangle Inequality of Angles

Name:_____ Date:_____

Order each triangle's angles from largest to smallest.

1) For ΔABC
AB = 9 ft
BC = 7 ft
CA = 4 ft

∠C, ∠A, ∠B

2) For ΔEFG
EF = 26 mm
FG = 25 mm
GE = 20 mm

3) For ΔBGM
MB = 10 in
BG = 15 in
GM = 20 in

4) For ΔBOD
BO = 22 yd
OD = 33 yd
DB = 44 yd

Order each triangle's angles from smallest to largest.

1) For ΔXYZ
XY = 21 km
YZ = 45 km
ZX = 54 km

2) For ΔBGM
DO = 23 m
DO = 23 m
DO = 23 m

3) For ΔMON
MO = 36 cm
ON = 42 cm
NM = 29 cm

4) For ΔBGM
BG = 10 ft
GM = 6 ft
MB = 15 ft

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∠G, ∠E, ∠F

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∠B, ∠M, ∠G

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∠O, ∠B, ∠D

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∠Z, ∠X, ∠Y

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∠X, ∠Y, ∠Z

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∠B, ∠M, ∠G