Vārds .....

TRIJSTŪRA LEŅĶU SUMMA

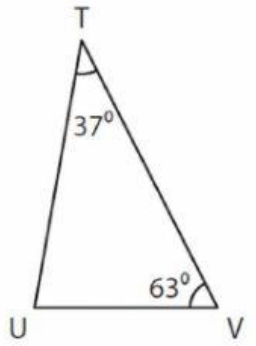
1. Eksistē trijstūris, kura leņķu lielumi ir:

Atzīmē tos gadījumos, kuros trijstūris eksistē!

a) $86°, 53°, 41°$
b) $47°, 84°, 56°$
c) $70°, 22°, 68°$
d) $54°, 97°, 29°$
e) $33°, 90°, 57°$
f) $28°, 64°, 100°$
g) $11°, 101°, 60°$
h) $94°, 35°, 51°$
i) $52°, 83°, 45°$
j) $65°, 78°, 37°$

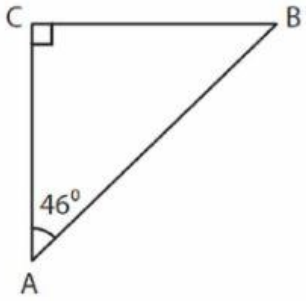
2. Aprēķini trijstūra nezināmos leņķus!

1)



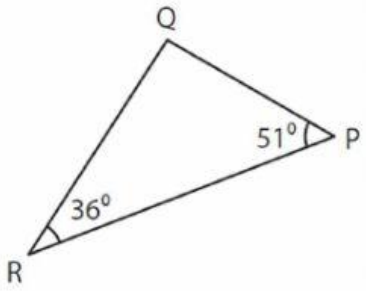
∠U = _____

2)



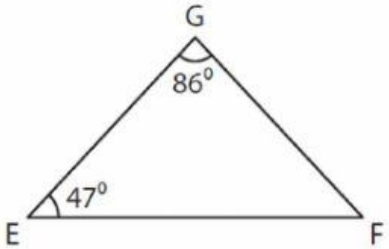
∠B = _____

3)



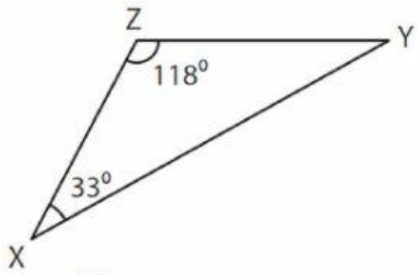
∠Q = _____

4)



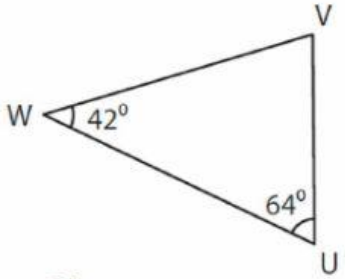
∠F = _____

5)



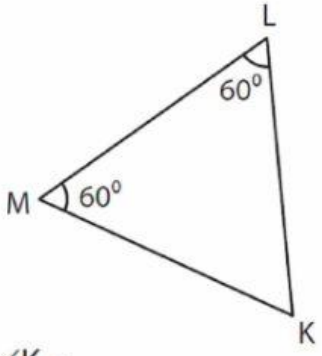
∠Y = _____

6)



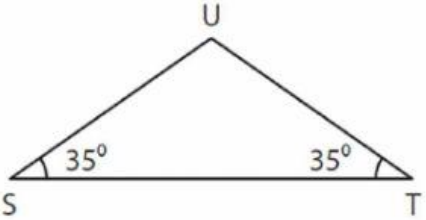
∠V = _____

7)



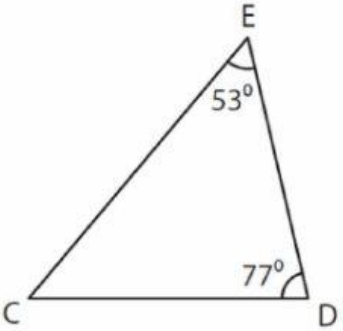
∠K = _____

8)



∠U = _____

9)



∠C = _____

3. Aprēķini trijstūra nezināmo leņķi, ja divu leņķu lielumi ir

a) $80°, 70°, \ldots\ldots°$

b) $60°, 60°, \ldots\ldots°$

c) $110°, 14°, \ldots\ldots°$

d) $28°, 104°, \ldots\ldots°$

e) $62°, 90°, \ldots\ldots°$

f) $43°, 43°, \ldots\ldots°$

4. Aprēķini trijstūra leņķus, ja to lielumu attiecība ir

a) $1 : 2 : 3$

____°, ____°, ____°

b) $1 : 1 : 2$

____°, ____°, ____°

f) $1 : 4 : 5$

____°, ____°, ____°

g) $1 : 4 : 4$

____°, ____°, ____°