Prof. Micu Elena
Micu Elena

Nume și prenume elev: _____ Clasa: _____ Data: _____

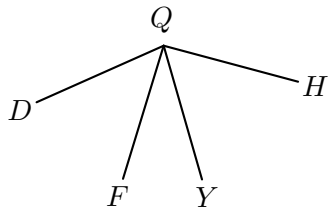
Fișa nr. 10. Geometrie plană

Clasa a VI-a

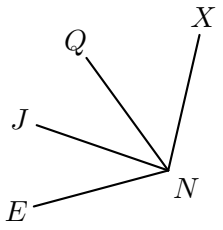
Unghiuri adiacente

Aflați măsura unghiului indicat la fiecare item. În fiecare figură, unghiurile ale căror măsuri sunt date sunt adiacente.

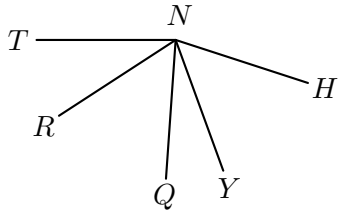
1. $m(\sphericalangle HQD) = 141°$, $m(\sphericalangle YQD) = 82°$, $m(\sphericalangle HQF) = 92°$. Aflați $m(\sphericalangle YQF)$.



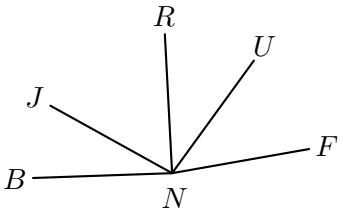
2. $m(\sphericalangle ENX) = 118°$, $m(\sphericalangle ENJ) = 34°$, $m(\sphericalangle QNX) = 49°$. Aflați $m(\sphericalangle JNQ)$.



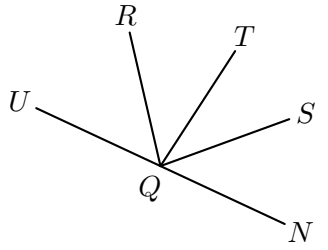
3. $m(\sphericalangle TNH) = 162°$, $m(\sphericalangle TNR) = 33°$, $m(\sphericalangle QNY) = 24°$, $m(\sphericalangle YNH) = 52°$. Aflați $m(\sphericalangle RNQ)$.



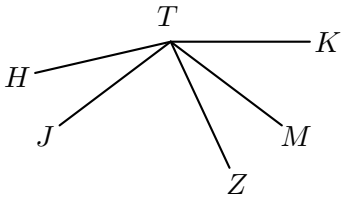
4. $m(\sphericalangle FNB) = 172°$, $m(\sphericalangle FNU) = 44°$, $m(\sphericalangle UNR) = 39°$, $m(\sphericalangle JNB) = 31°$. Aflați $m(\sphericalangle RNJ)$.



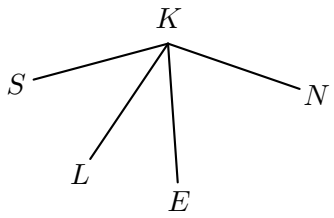
5. $m(\sphericalangle UQR) = 52°$, $m(\sphericalangle RQT) = 46°$, $m(\sphericalangle TQS) = 37°$, $m(\sphericalangle SQN) = 45°$. Aflați $m(\sphericalangle UQN)$.



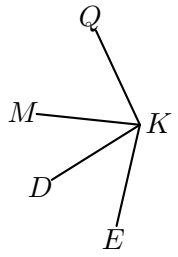
6. $m(\sphericalangle KTH) = 167°$, $m(\sphericalangle KTM) = 37°$, $m(\sphericalangle MTZ) = 28°$, $m(\sphericalangle JTH) = 24°$. Aflați $m(\sphericalangle ZTJ)$.



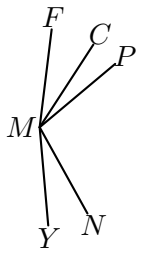
7. $m(\sphericalangle SKN) = 146°$, $m(\sphericalangle SKL) = 41°$, $m(\sphericalangle LKE) = 38°$. Aflați $m(\sphericalangle EKN)$.



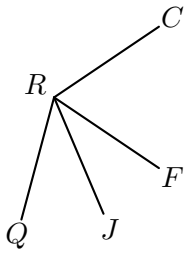
8. $m(\sphericalangle QKE) = 142°$, $m(\sphericalangle MKD) = 38°$, $m(\sphericalangle DKE) = 45°$. Aflați $m(\sphericalangle QKM)$.



9. $m(\sphericalangle YMF) = 168°$, $m(\sphericalangle YMN) = 24°$, $m(\sphericalangle PMC) = 17°$, $m(\sphericalangle CMF) = 26°$. Aflați $m(\sphericalangle NMP)$.



10. $m(\sphericalangle QRC) = 139°$, $m(\sphericalangle QRF) = 71°$, $m(\sphericalangle JRF) = 33°$. Aflați $m(\sphericalangle FRC)$.



Completați cerculețele corespunzătoare tuturor răspunsurilor corecte de mai sus. Nu completați răspunsurile greșite.

◯ 30° ◯ 68° ◯ 58° ◯ 53° ◯ 33° ◯ 44° ◯ 78° ◯ 180° ◯ 82° ◯ 201° ◯ 67° ◯ 101°
◯ 35° ◯ 71° ◯ 113° ◯ 104° ◯ 59° ◯ 79°