Prof. Micu Elena
Micu Elena

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

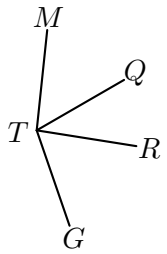
Fișa nr. 9. Geometrie plană

Clasa a VI-a

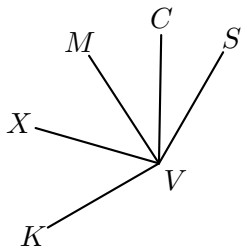
Unghiuri adiacente

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

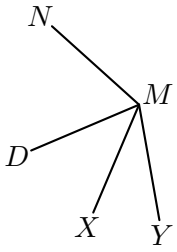
1. $m(\sphericalangle MTQ) = 54°$, $m(\sphericalangle QTR) = 39°$, $m(\sphericalangle RTG) = 62°$. Aflați $m(\sphericalangle MTG)$.



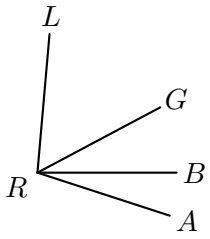
2. $m(\sphericalangle SVC) = 29°$, $m(\sphericalangle CVM) = 34°$, $m(\sphericalangle MVX) = 41°$, $m(\sphericalangle XVK) = 46°$. Aflați $m(\sphericalangle SVK)$.



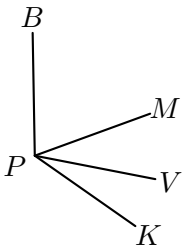
3. $m(\sphericalangle YMX) = 33°$, $m(\sphericalangle XMD) = 44°$, $m(\sphericalangle DMN) = 65°$. Aflați $m(\sphericalangle YMN)$.



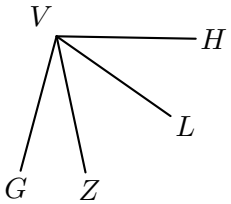
4. $m(\sphericalangle LRG) = 57°$, $m(\sphericalangle GRB) = 28°$, $m(\sphericalangle BRA) = 18°$. Aflați $m(\sphericalangle LRA)$.



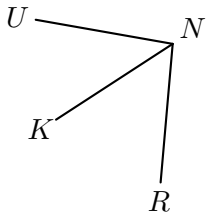
5. $m(\sphericalangle KPV) = 24°$, $m(\sphericalangle VPM) = 31°$, $m(\sphericalangle MPB) = 71°$. Aflați $m(\sphericalangle KPB)$.



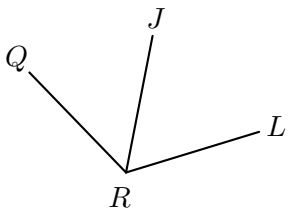
6. $m(\sphericalangle GVZ) = 27°$, $m(\sphericalangle ZVL) = 43°$, $m(\sphericalangle LVH) = 34°$. Aflați $m(\sphericalangle GVH)$.



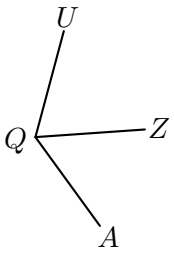
7. $m(\sphericalangle UNK) = 43°$, $m(\sphericalangle KNR) = 52°$. Aflați $m(\sphericalangle UNR)$.



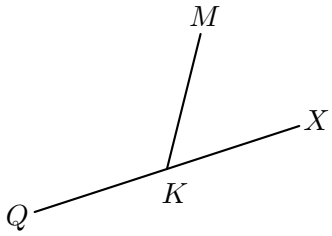
8. $m(\sphericalangle LRJ) = 62°$, $m(\sphericalangle LRQ) = 117°$. Aflați $m(\sphericalangle JRQ)$.



9. $m(\sphericalangle UQZ) = 71°$, $m(\sphericalangle UQA) = 129°$. Aflați $m(\sphericalangle ZQA)$.



10. $m(\sphericalangle QKM) = 122°$, $m(\sphericalangle XKM) = 58°$. Aflați $m(\sphericalangle QKX)$.



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

◯95° ◯150° ◯179° ◯55° ◯115° ◯65° ◯155° ◯160° ◯126° ◯64° ◯58°
◯9° ◯61° ◯98° ◯103° ◯180° ◯142° ◯104°