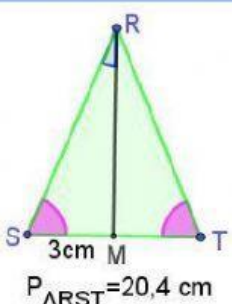
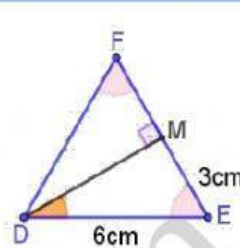
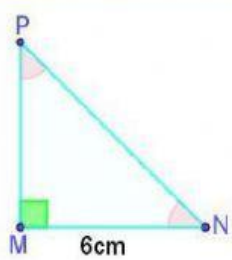
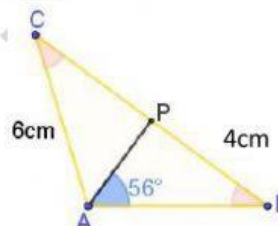
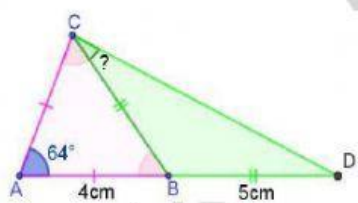
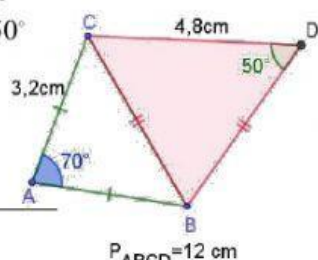
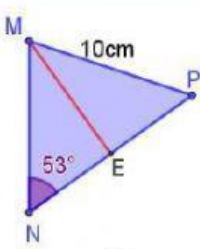


PROPRIETĂȚILE TRIUNGHILUI ISOSCEL

(fișă de lucru)

Prof. Lukacs Tiberiu

ip ABC isoscel $AB = 4\text{ cm}$ $BC = 3\text{ cm}$ $m(\sphericalangle A) = 40^\circ$ c $AC =$ $m(\sphericalangle B) =$ $m(\sphericalangle C) =$		ip MNP isoscel $MN = 5\text{ cm}$ $NP = 3\text{ cm}$ $m(\sphericalangle N) = 65^\circ$ c $MP =$ $m(\sphericalangle P) =$ $m(\sphericalangle M) =$	
ip EFG isoscel $GF = 8\text{ cm}$ $P_{\triangle EFG} = 20\text{ cm}$ $m(\sphericalangle G) = 35^\circ$ c $EG =$ $EF =$ $m(\sphericalangle F) =$ $m(\sphericalangle E) =$		ip ABC isoscel $AB = 5\text{ cm}$ $P_{\triangle ABC} = 14\text{ cm}$ $m(\sphericalangle A) = 30^\circ$ c $AC =$ $BC =$ $m(\sphericalangle B) =$ $m(\sphericalangle C) =$	
ip MNE isoscel N,E,D coliniare $m(\sphericalangle MED) = 100^\circ$ $NE = 5\text{ cm}$ $P_{\triangle MNE} = 20\text{ cm}$ c $MN =$ $ME =$ $m(\sphericalangle MEN) =$ $m(\sphericalangle MNE) =$ $m(\sphericalangle NME) =$		ip PQR isoscel Q,P,D coliniare $m(\sphericalangle RPD) = 52^\circ$ $QP = 4,25\text{ cm}$ $P_{\triangle PQR} = 19,5\text{ cm}$ c $PR =$ $QR =$ $m(\sphericalangle PQR) =$ $m(\sphericalangle QPR) =$ $m(\sphericalangle PRQ) =$	
ip ABC isoscel $(AB \equiv AC)$ MN linie mijlocie $m(\sphericalangle A) = 54^\circ$ $AN = 2\text{ cm}$ c $NC =$ $BC =$ $m(\sphericalangle ABC) =$ $m(\sphericalangle AMN) =$ $P_{\triangle ABC} =$ $P_{\triangle AMN} =$		ip ABC isoscel $(AB \equiv AC)$ EF linie mijlocie $m(\sphericalangle AEF) = 64^\circ$ $AB = 11\text{ cm}$ $P_{\triangle ABC} = 30\text{ cm}$ c $AF =$ $EF =$ $m(\sphericalangle ABC) =$ $m(\sphericalangle A) =$ $m(\sphericalangle CFE) =$ $P_{\triangle AEF} =$	

ip RST isoscel ($RS \equiv RT$) RM mediana $m(\sphericalangle SRM) = 16^\circ$ $SM = 3 \text{ cm}$ $P_{\triangle ABC} = 20,4 \text{ cm}$ c $ST =$ $SR =$ $m(\sphericalangle SRT) =$ $m(\sphericalangle RTS) =$ $m(\sphericalangle RMT) =$ 	ip DEF isoscel ($DE \equiv DF$) DM înălțime $m(\sphericalangle EDM) = 30^\circ$ $DE = 6 \text{ cm}$ $ME = 3 \text{ cm}$ c $DF =$ $FM =$ $m(\sphericalangle DEM) =$ $m(\sphericalangle EDF) =$ $P_{\triangle EDF} =$ 
ip MNP isoscel ($MN \equiv MP$) $PM \perp MN$ $MN = 6 \text{ cm}$ c $MP =$ $m(\sphericalangle PMN) =$ $m(\sphericalangle MPN) =$ $m(\sphericalangle MNP) =$ 	ip ABC isoscel ($AB \equiv AC$) AP bisectoare $m(\sphericalangle PAB) = 56^\circ$ $AC = 6 \text{ cm}$ c $AB =$ $BC =$ $m(\sphericalangle BAC) =$ $m(\sphericalangle ABP) =$ $P_{\triangle ABC} =$ 
ip ABC isoscel BDC isoscel $m(\sphericalangle A) = 64^\circ$ $AB = 4 \text{ cm}$ $BD = 5 \text{ cm}$ c $AC =$ $BC =$ $m(\sphericalangle ABC) =$ $m(\sphericalangle BCD) =$ $P_{\triangle ABC} =$ 	ip ABC isoscel BDC isoscel $m(\sphericalangle A) = 70^\circ$ $m(\sphericalangle D) = 50^\circ$ $AC = 3,2 \text{ cm}$ $CD = 4,8 \text{ cm}$ $P_{\triangle BCD} = 12 \text{ cm}$ c $AB =$ $BC =$ $m(\sphericalangle ACD) =$ $m(\sphericalangle ABC) =$ $P_{\triangle ABC} =$ $P_{\triangle BDC} =$ 
ip MNP triunghi ME mediatoare $m(\sphericalangle N) = 53^\circ$ $MP = 10 \text{ cm}$ $P_{\triangle PMN} = 32 \text{ cm}$ c $MN =$ $EP =$ $m(\sphericalangle NPM) =$ $m(\sphericalangle NME) =$ $m(\sphericalangle MEN) =$ 	ip MNP triunghi $m(\sphericalangle M) = 96^\circ$ $m(\sphericalangle N) = 42^\circ$ MN și NP direct proportionale cu 2 și 3 $P_{\triangle MNP} = 42 \text{ cm}$ c $m(\sphericalangle NPM) =$ MNP triunghi..... $MN =$ $NP =$ 