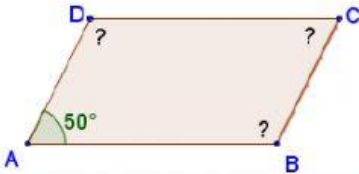
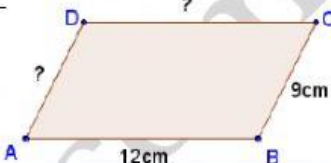
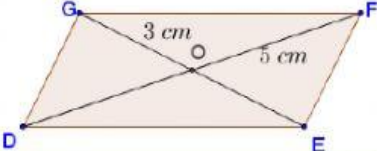
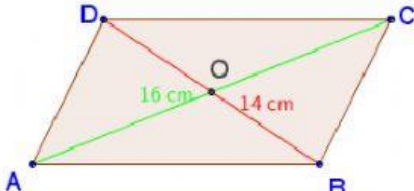
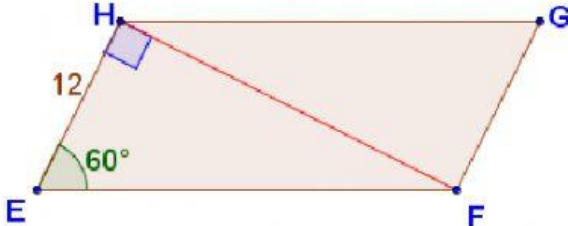
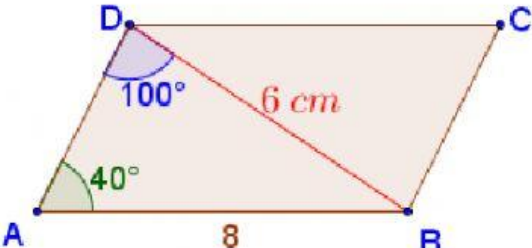


PARALELOGRAMUL

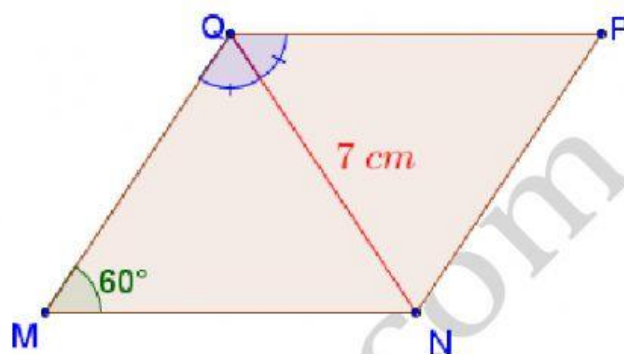
(fișă de lucru)

Prof. Lukacs Tiberiu

ip ABCD paralelogram $m(\sphericalangle A) = 50^\circ$ c $m(\sphericalangle B) =$ $m(\sphericalangle C) =$ $m(\sphericalangle D) =$ 	ip ABCD paralelogram $AB = 12 \text{ cm}$ $BC = 9 \text{ cm}$ c $CD =$ $AD =$ $P_{ABCD} =$ 
ip DEFG paralelogram $GE \cap DF = \{O\}$ $GO = 3 \text{ cm}$ $OF = 5 \text{ cm}$ c $OE =$ $DO =$ $GE =$ $DF =$ 	ip ABCD paralelogram $AC \cap DB = \{O\}$ $AC = 16 \text{ cm}$ $DB = 14 \text{ cm}$ c $AO =$ $OC =$ $DO =$ $OB =$ 
ip EFGH paralelogram $m(\sphericalangle E) = 60^\circ$ $EH = 12 \text{ cm}$ $FH \perp EH$ c $m(\sphericalangle FGH) =$ $EF =$ $m(\sphericalangle EFG) =$ $FG =$ $\triangle EFH$ este $HG =$ $m(\sphericalangle EFH) =$ $P_{EFGH} =$ 	
ip ABCD paralelogram $m(\sphericalangle A) = 40^\circ$, $m(\sphericalangle ADB) = 100^\circ$ $DB = 6 \text{ cm}$, $AB = 8 \text{ cm}$ c $m(\sphericalangle ABD) =$ $AD =$ $\triangle ABD$ este $BC =$ $m(\sphericalangle ABC) =$ $DC =$ $m(\sphericalangle BCD) =$ $P_{ABCD} =$ $m(\sphericalangle BDC) =$ $P_{BCD} =$ 	

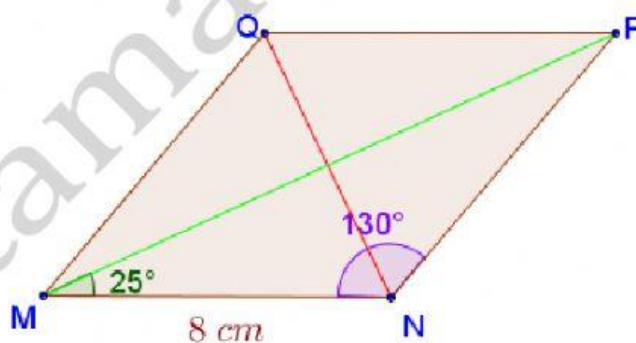
- ip MNPQ paralelogram
 $m(\sphericalangle M) = 60^\circ$
 $|QN| = 7 \text{ cm}$
 (QN bisectoarea $\sphericalangle MQP$)

- c $m(\sphericalangle MQP) =$ $|MN| =$
 $m(\sphericalangle MQN) =$ $|MQ| =$
 $m(\sphericalangle MNQ) =$ $|QP| =$
 $\triangle MNQ$ este $|NP| =$
 $m(\sphericalangle QPN) =$
 $P_{MNPQ} =$
 $m(\sphericalangle QNP) =$



- ip MNPQ paralelogram
 $m(\sphericalangle NMP) = 25^\circ$
 $m(\sphericalangle MNP) = 130^\circ$
 $|MN| = 8 \text{ cm}$

- c $m(\sphericalangle MQP) =$ $|NP| =$
 $m(\sphericalangle NPQ) =$ $|MQ| =$
 $m(\sphericalangle NMQ) =$ $|QP| =$
 $m(\sphericalangle NPM) =$ $P_{MNPQ} =$
 $\triangle MNP$ este



- ip ABCD paralelogram
 $AC \cap DB = \{O\}$
 $m(\sphericalangle AOB) = 110^\circ$
 $m(\sphericalangle DAO) = 40^\circ$
 $|AB| = 8 \text{ cm}, |AO| = 5 \text{ cm}$

- c $m(\sphericalangle AOD) =$ $|DC| =$
 $m(\sphericalangle ADO) =$ $|AD| =$
 $m(\sphericalangle BOC) =$ $|BC| =$
 $m(\sphericalangle ACB) =$ $|AC| =$
 $\triangle AOD$ este $P_{ABCD} =$

