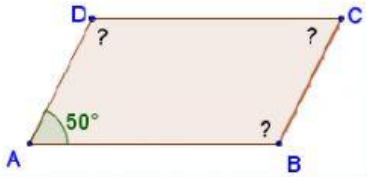
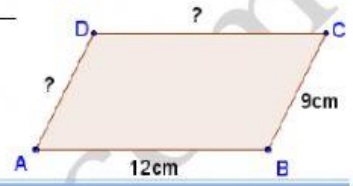
PARALELOGRAMUL

(fișă de lucru) Prof. Lukacs Tiberiu

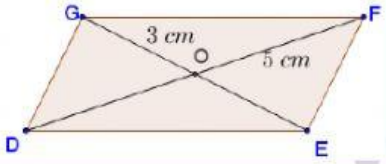
ip	ABCD paralelogram $m(\sphericalangle A)=50^\circ$
c	$m(\sphericalangle B)=$ $m(\sphericalangle C)=$ $m(\sphericalangle D)=$



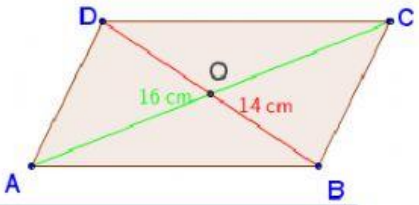
ip	ABCD paralelogram $\lvert AB\rvert=12\ cm$ $\lvert BC\rvert=9\ cm$
c	$\lvert CD\rvert=$ $\lvert AD\rvert=$ $P_{ABCD}=$



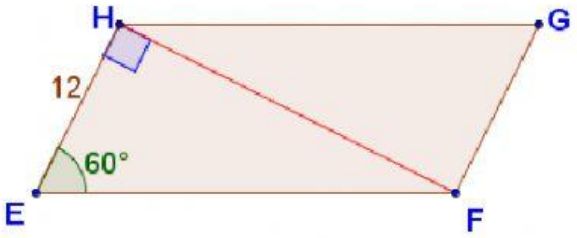
ip	DEFG paralelogram $GE\cap DF=\{O\}$ $\lvert GO\rvert=3\ cm$ $\lvert OF\rvert=5\ cm$
c	$\lvert OE\rvert=$ $\lvert DO\rvert=$ $\lvert GE\rvert=$ $\lvert DF\rvert=$



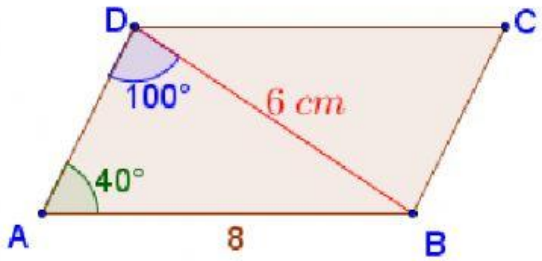
ip	ABCD paralelogram $AC\cap DB=\{O\}$ $\lvert AC\rvert=16\ cm$ $\lvert DB\rvert=14\ cm$
c	$\lvert AO\rvert=$ $\lvert OC\rvert=$ $\lvert DO\rvert=$ $\lvert OB\rvert=$



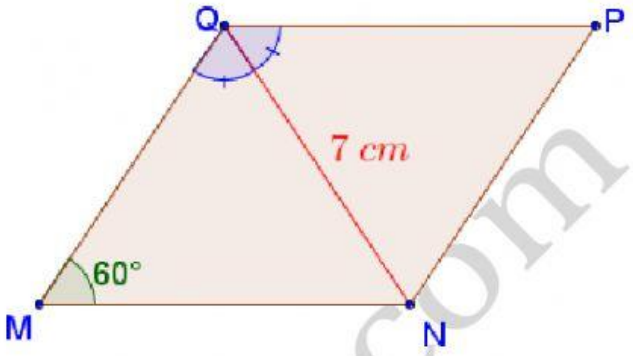
ip	EFGH paralelogram $m(\sphericalangle E)=60^\circ$ $\lvert EH\rvert=12\ cm$ $FH\perp EH$
c	$m(\sphericalangle FGH)=$ $\lvert EF\rvert=$ $m(\sphericalangle EFG)=$ $\lvert FG\rvert=$ $\triangle EFH$ este ..... $\lvert HG\rvert=$ $m(\sphericalangle EFH)=$ $P_{EFGH}=$



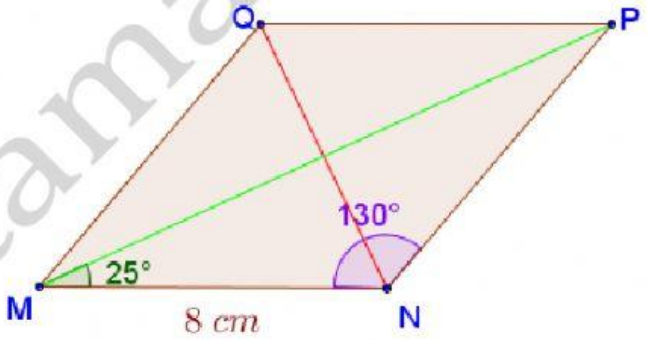
ip	ABCD paralelogram $m(\sphericalangle A)=40^\circ$, $m(\sphericalangle ADB)=100^\circ$ $\lvert DB\rvert=6\ cm$, $\lvert AB\rvert=8\ cm$
c	$m(\sphericalangle ABD)=$ $\lvert AD\rvert=$ $\triangle ABD$ este ..... $\lvert BC\rvert=$ $m(\sphericalangle ABC)=$ $\lvert DC\rvert=$ $m(\sphericalangle BCD)=$ $P_{ABCD}=$ $m(\sphericalangle BDC)=$ $P_{BCD}=$



ip	MNPQ paralelogram $m(\sphericalangle M)=60^\circ$ $\lvert QN\rvert=7\ cm$ (QN bisectoarea $\sphericalangle MQP$
c	$m(\sphericalangle MQP)=$ $\quad\lvert MN\rvert=$ $m(\sphericalangle MQN)=$ $\quad\lvert MQ\rvert=$ $m(\sphericalangle MNQ)=$ $\quad\lvert QP\rvert=$ $\triangle MNQ$ este ..... $\quad\lvert NP\rvert=$ $m(\sphericalangle QPN)=$ $P_{MNPQ}=$ $m(\sphericalangle QNP)=$



ip	MNPQ paralelogram $m(\sphericalangle NMP)=25^\circ$ $m(\sphericalangle MNP)=130^\circ$ $\lvert MN\rvert=8\ cm$
c	$m(\sphericalangle MQP)=$ $\quad\lvert NP\rvert=$ $m(\sphericalangle NPQ)=$ $\quad\lvert MQ\rvert=$ $m(\sphericalangle NMQ)=$ $\quad\lvert QP\rvert=$ $m(\sphericalangle NPM)=$ $\quad P_{MNPQ}=$ $\triangle MNP$ este .....



ip	ABCD paralelogram $AC\cap DB=\{O\}$ $m(\sphericalangle AOB)=110^\circ$ $m(\sphericalangle DAO)=40^\circ$ $\lvert AB\rvert=8\ cm,\ \lvert AO\rvert=5\ cm$
c	$m(\sphericalangle AOD)=$ $\quad\lvert DC\rvert=$ $m(\sphericalangle ADO)=$ $\quad\lvert AD\rvert=$ $m(\sphericalangle BOC)=$ $\quad\lvert BC\rvert=$ $m(\sphericalangle ACB)=$ $\quad\lvert AC\rvert=$ $\triangle AOD$ este ..... $\quad P_{ABCD}=$