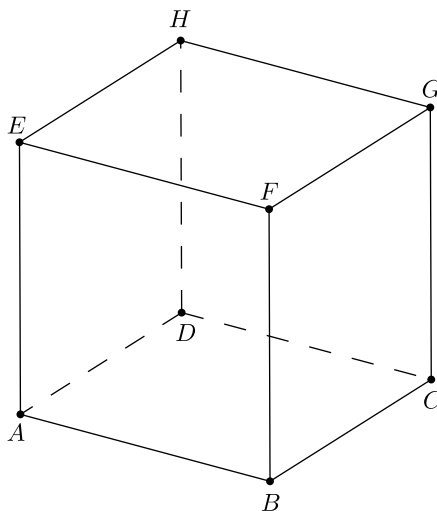
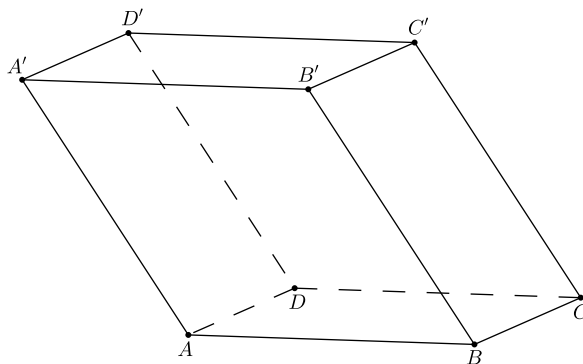


Cvičenie č. 3

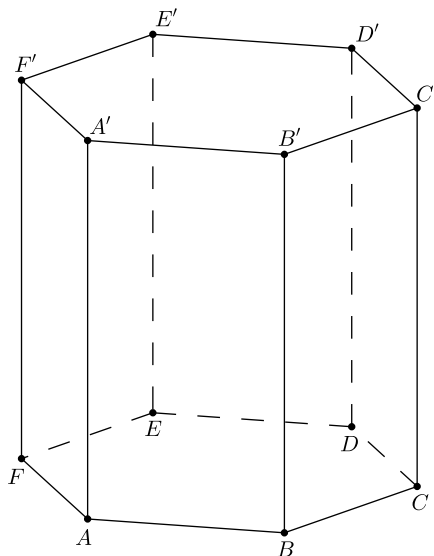
1. Zostrojte rez kocky $ABCDEFGH$ rovinou $\alpha = KLM$,
 $(EHK) = (ABL) = (CGM) = -1$.



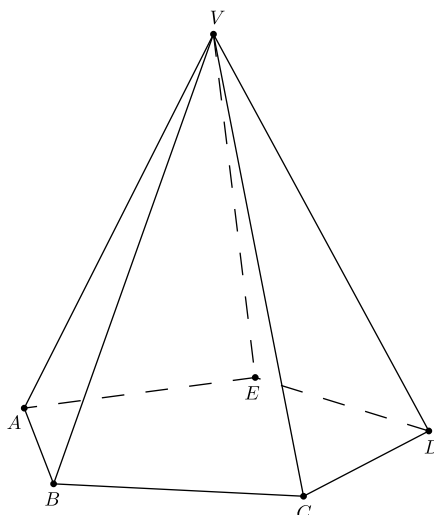
2. Zostrojte rez rovnobežnostena $ABCD A'B'C'D'$ rovinou $\alpha = KLM$,
 $(AA'K) = (D'C'L) = -2$, $M = BC' \cap B'C$.



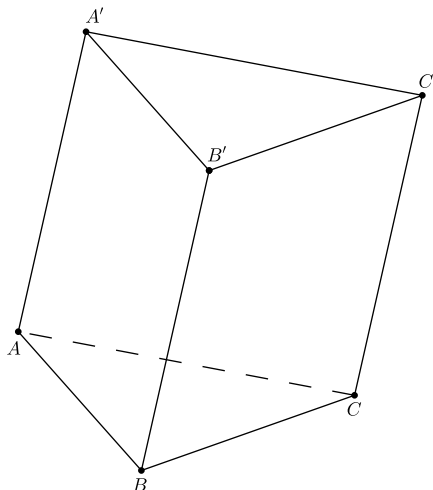
3. Zostrojte rez pravidelného 6-bokého hranola $ABCDEF A' B' C' D' E' F'$ rovinou $\alpha = KLM$,
 $(AA'K) = \frac{-1}{3}$, $(BB'L) = -1$, $(DD'M) = -3$.



4. Zostrojte rez 5-bokého ihlana $ABCDE V$ rovinou $\alpha = KLM$, $(BVK) = \frac{-1}{2}$,
 $(CVL) = \frac{-1}{3}$, $(EVM) = -1$.



5. Zostrojte priesečník priamky $a = CL$ s rovinou $\rho = MNP$. Referenčné teleso je trojboký hranol $ABCA'B'C'$ a $L \in \text{int}\triangle A'B'C'$, $(AA'M) = \frac{-5}{2}$, $(CC'N) = -1$, $(B'PB) = \frac{5}{2}$.



6. Zostrojte priesečník priamky $a = MN$ s rovinou $\gamma = ACC'$. Referenčné teleso je rovnobežnosť ABCDA'B'C'D' a $(CDM) = (A'B'N) = 2$.

