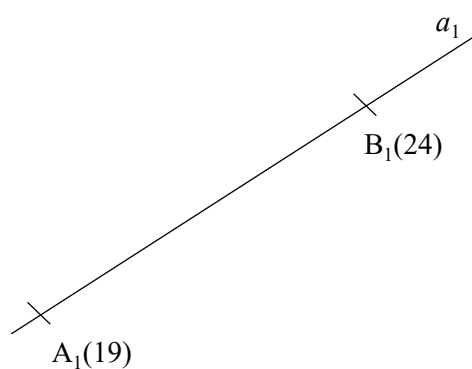


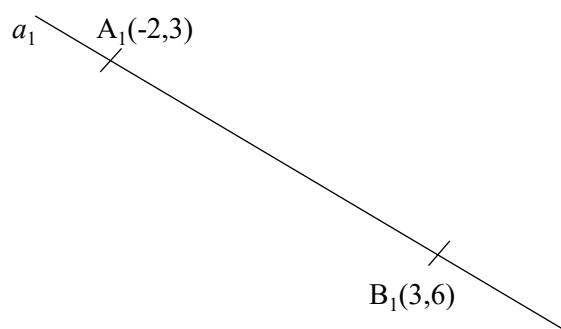
GL 2 Kótované premietanie

Pr. 1 V KP určte graficky dĺžku úsečky AB, spádový uhol, spád a interval priamky $a \equiv AB$. Vystupňujte priamku a .

a)

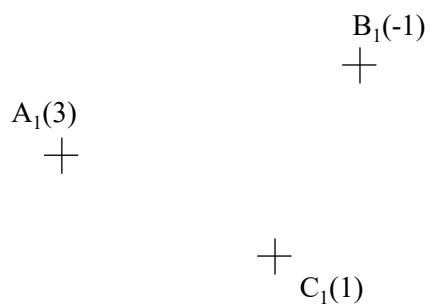


b)

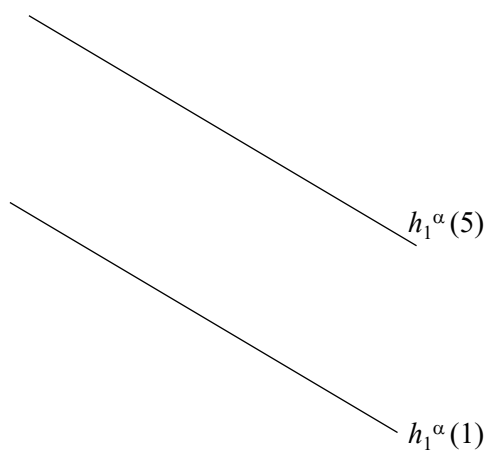


Pr. 2 V KP určte spádové merítka roviny α . Určte (graficky) spádový uhol, spád a interval roviny α . Zostrojte stopu roviny α .

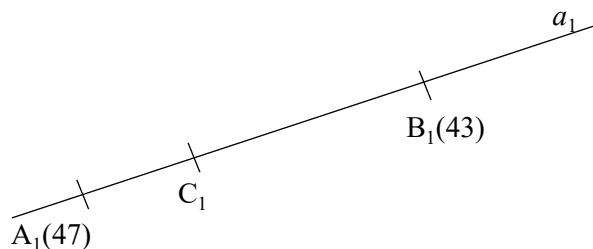
a) $\alpha \equiv (ABC)$



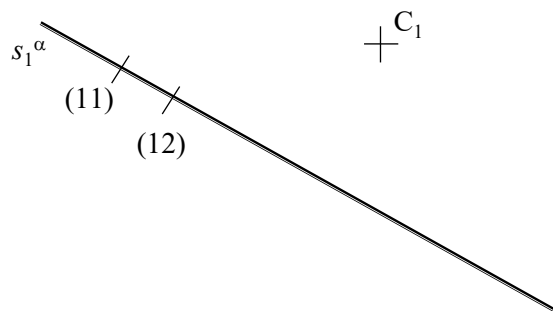
a) $\alpha \equiv (h^\alpha(1), h^\alpha(5))$.



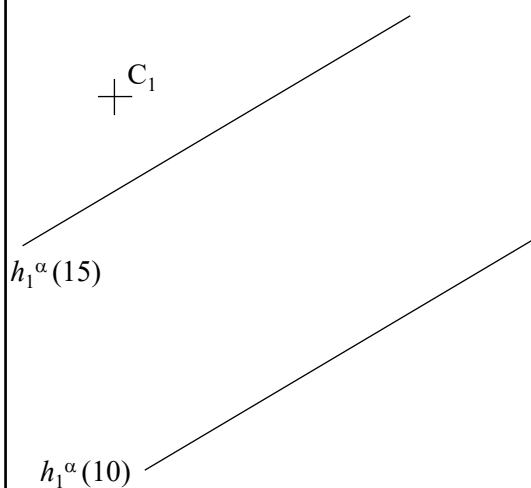
Pr. 3 V KP určte graficky kótu bodu **C**, ktorý leží na priamke $a \equiv AB$.



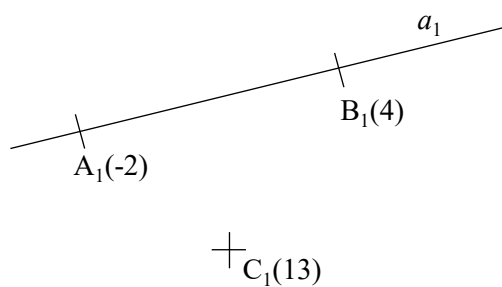
Pr. 4 V KP určte graficky kótu bodu **C**, ktorý leží v rovine $\alpha = (s^\alpha)$.



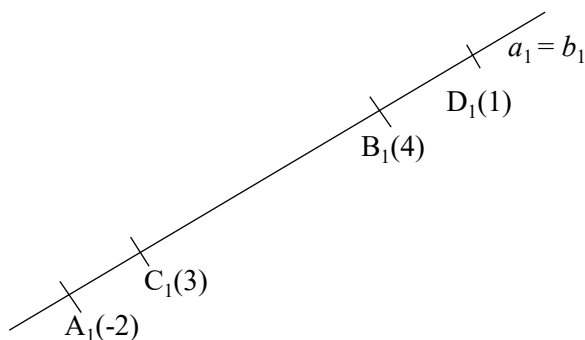
Pr. 5 V KP určte graficky kótu bodu **C**, ktorý leží v rovine $\alpha = (h^\alpha(10), h^\alpha(15))$.



Pr. 6 V KP zostrojte priamku b , ktorá prechádza bodom **C** a je rovnobežná s priamkou $a \equiv AB$.

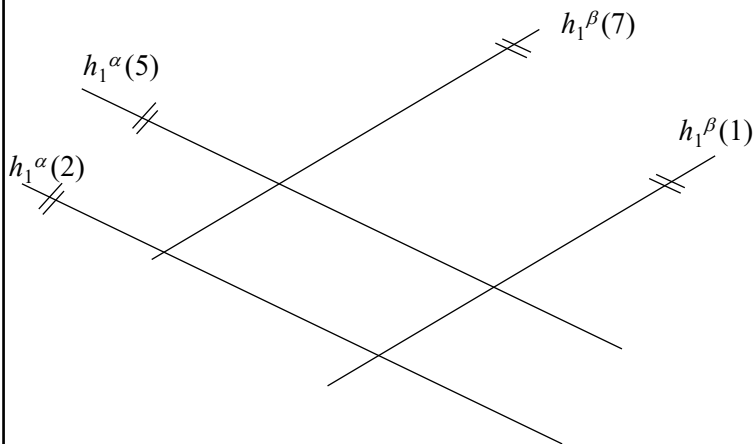


Pr. 7 V KP určte vzájomnú polohu priamok $a \equiv AB$ a $b \equiv CD$. Pre rôznobežné priamky zostrojte ich priesečník $a \cap b \equiv R$.

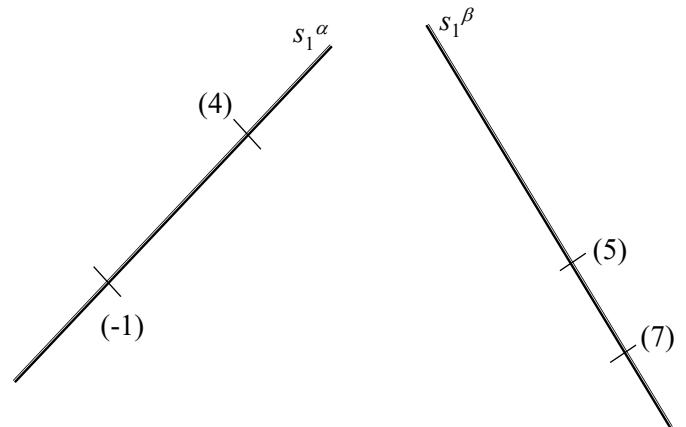


Pr. 9 V KP určte vzájomnú polohu rovín α a β a ak sú rôznobežné, tak určte ich priesečnicu.

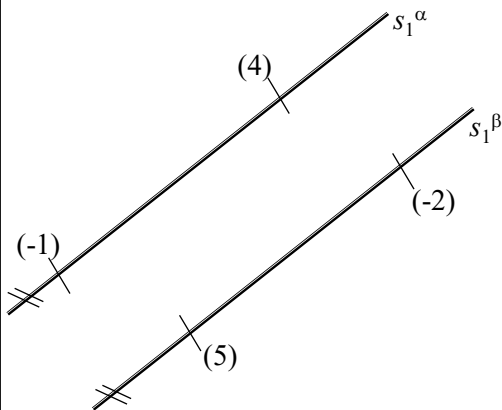
a) $\alpha \equiv (h^\alpha(2), h^\alpha(5))$,
 $\beta \equiv (h^\beta(1), h^\beta(7))$



b) $\alpha \equiv (s^\alpha)$, $\beta \equiv (s^\beta)$



c) $\alpha \equiv (s^\alpha)$, $\beta \equiv (s^\beta)$



Pr. 10 V KP určte vzájomnú polohu priamky $a \equiv (AB)$ a roviny $\alpha \equiv (s^\alpha)$ a ak sú rôznobežné, tak určte ich priesečník. Určte aj viditeľnosť priamky a vzhľadom na rovinu α .

