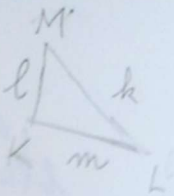
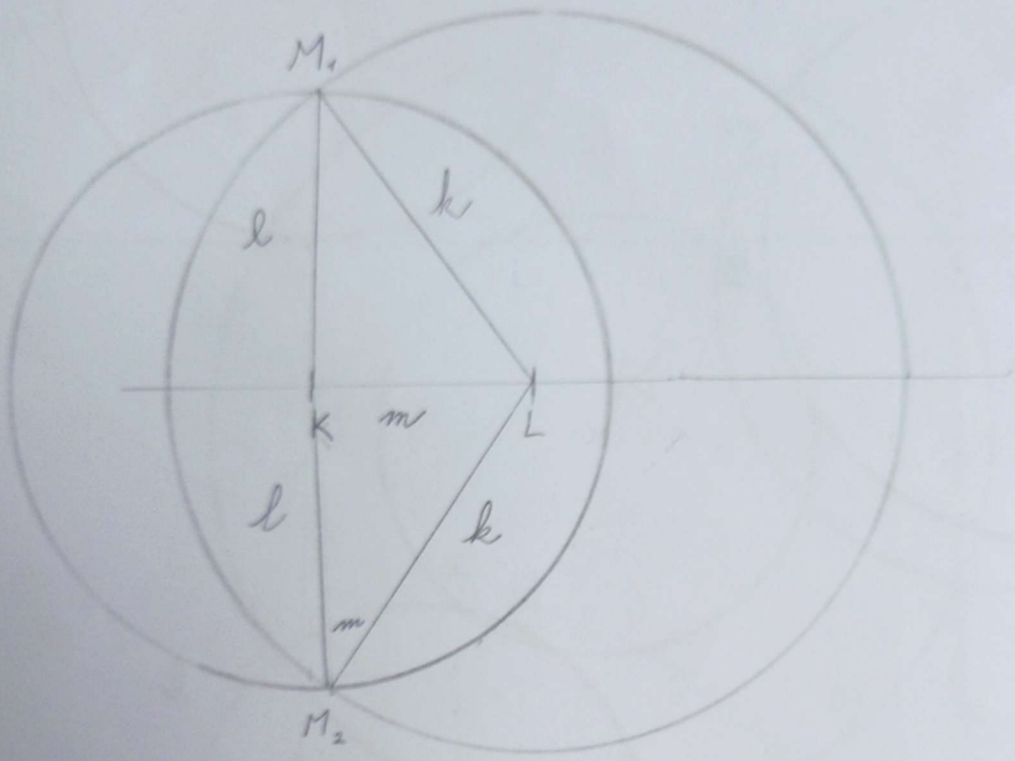
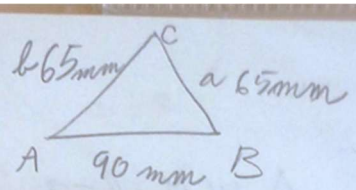
Trojúhelník

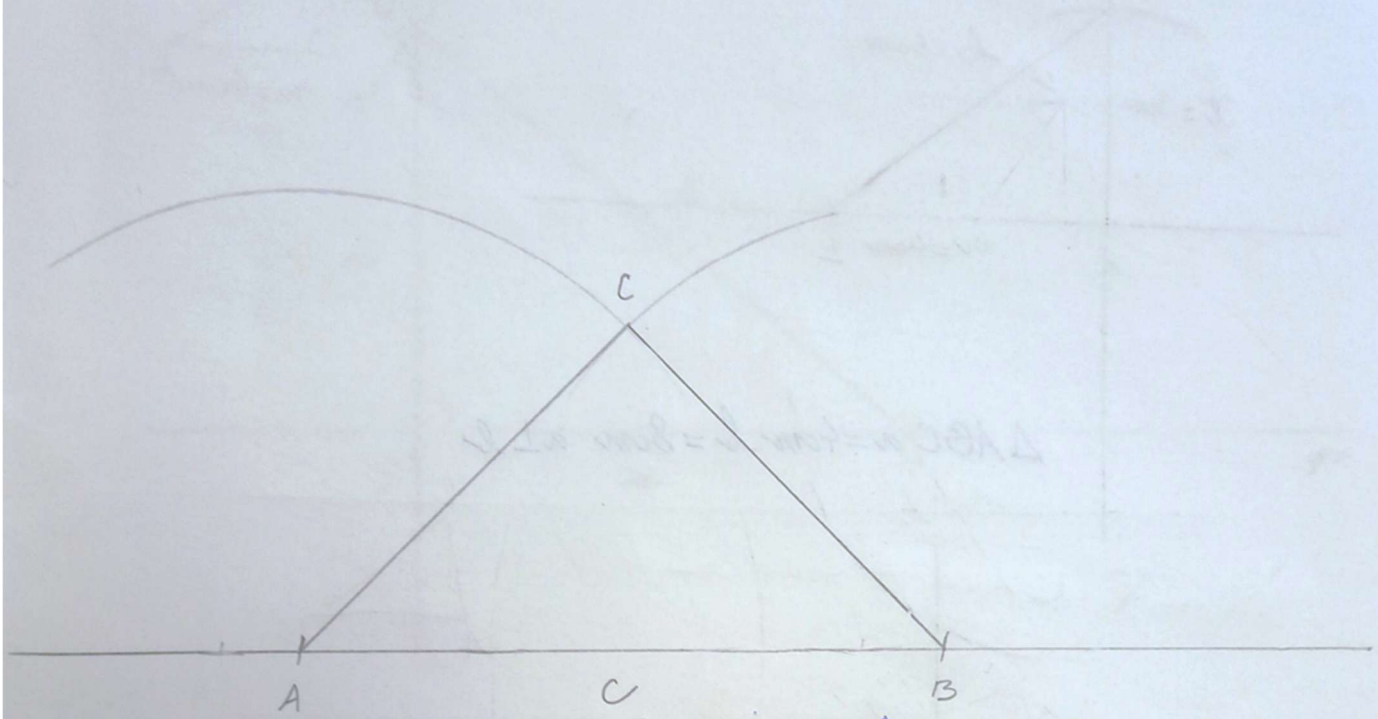
$k = 5\,cm$ $l = 4\,cm$ m 3 cm





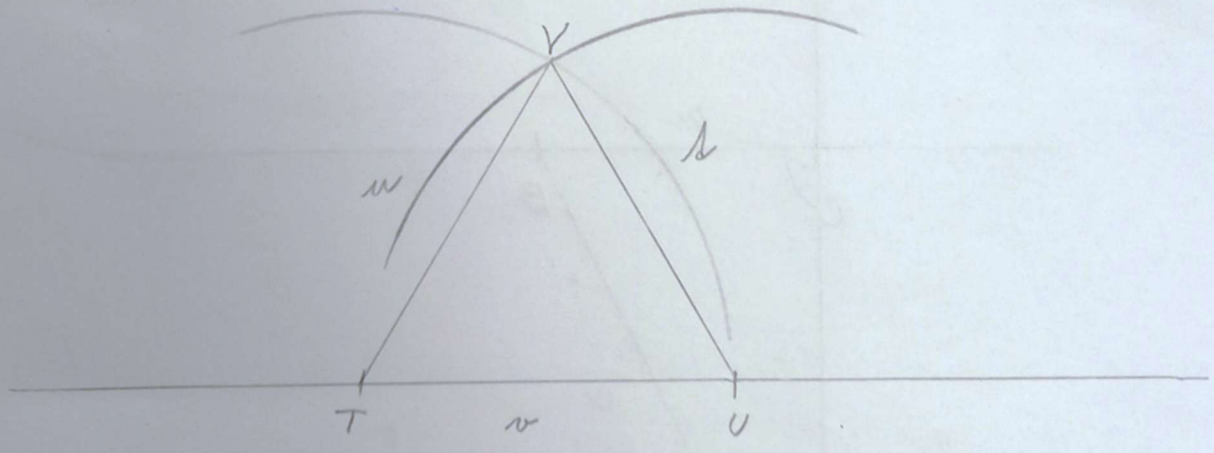
△ABC a 65 mm b = 65 mm c = 90 mm





rovnoramenný

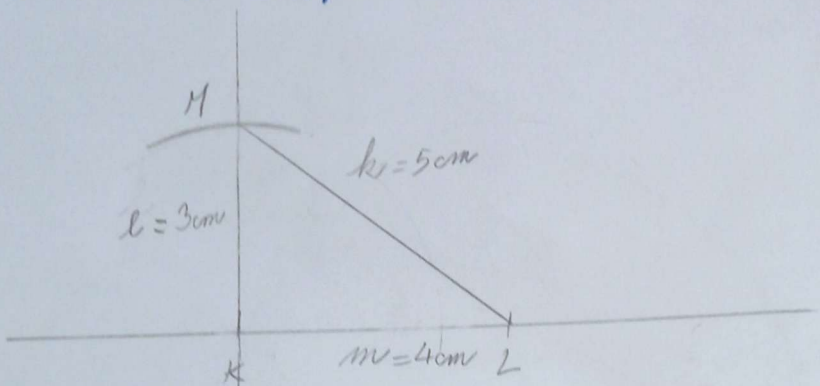
△TUV t = u = v = 5 cm 2 mm

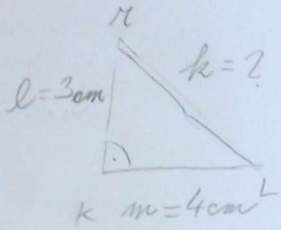


rovnostranný

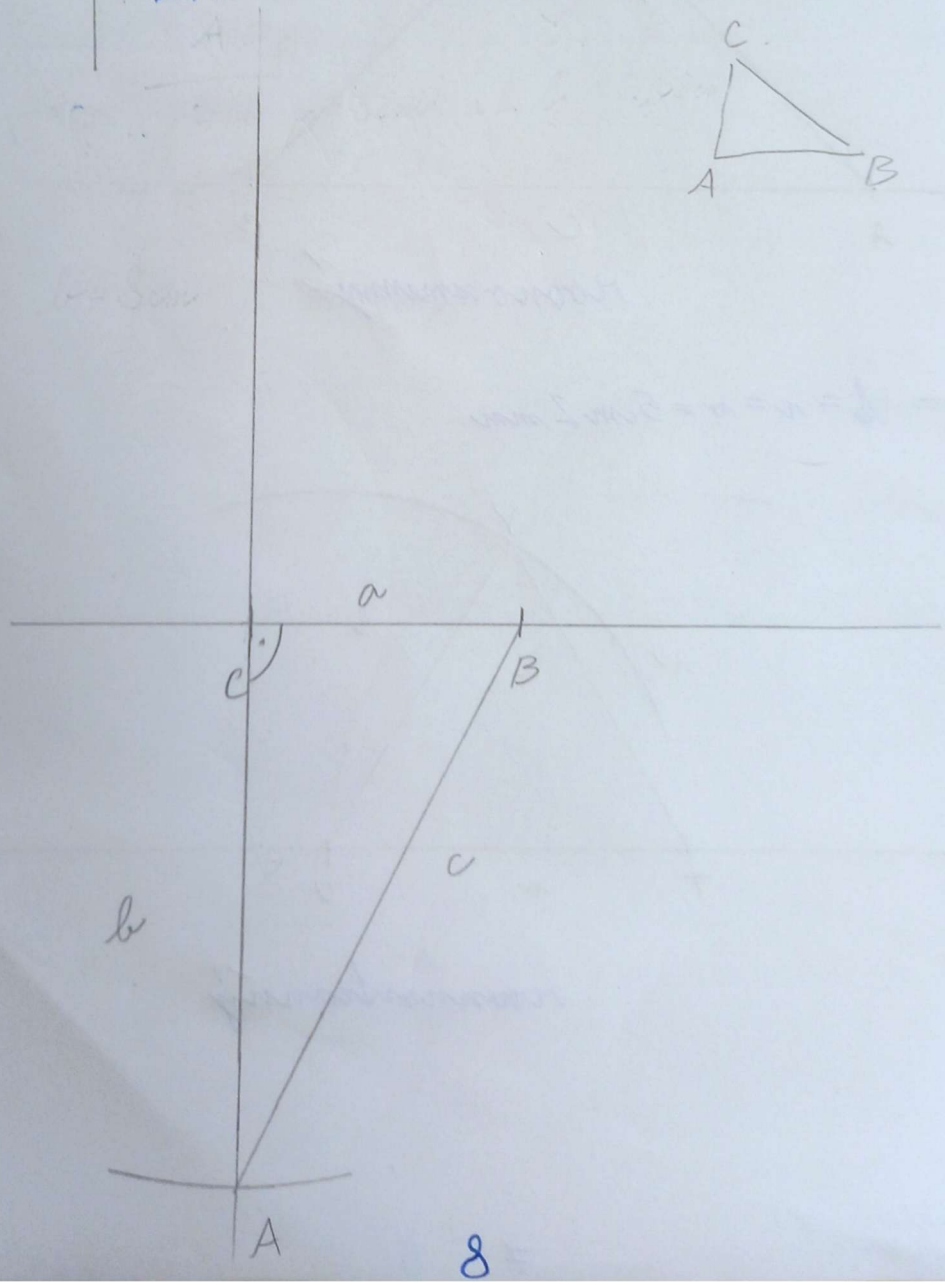
pravoúhlý trojúhelník

$\triangle KLM$ $l = 3cm$, $m = 4cm$ $l \perp m$



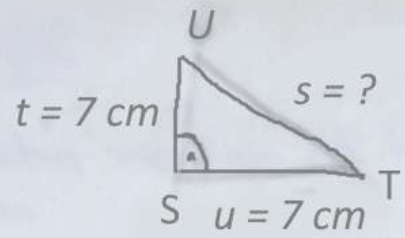


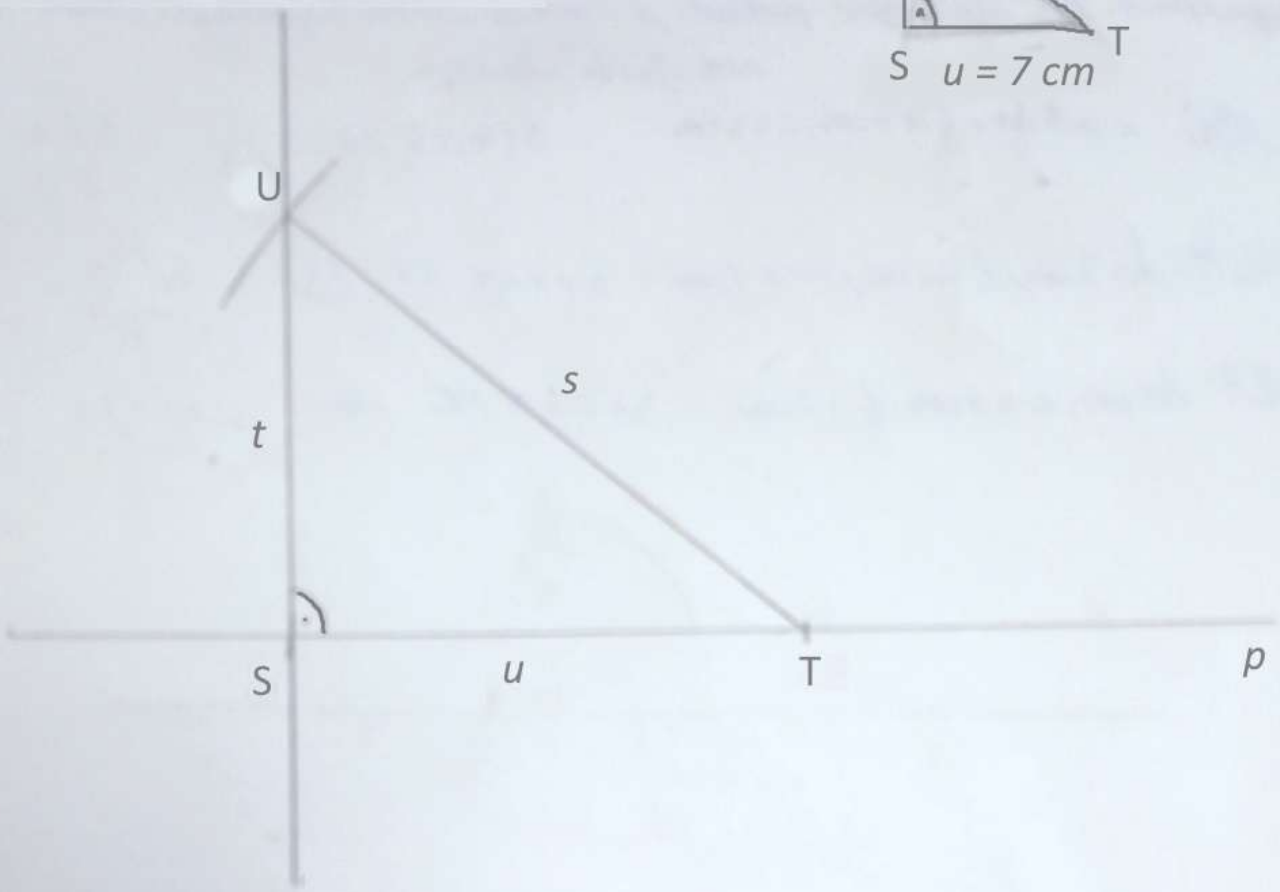
$\triangle ABC$ $a = 4cm$ $b = 8cm$ $a \perp b$



Δ STU $u = 7$ cm, $s = 9$ cm

$s \perp t$





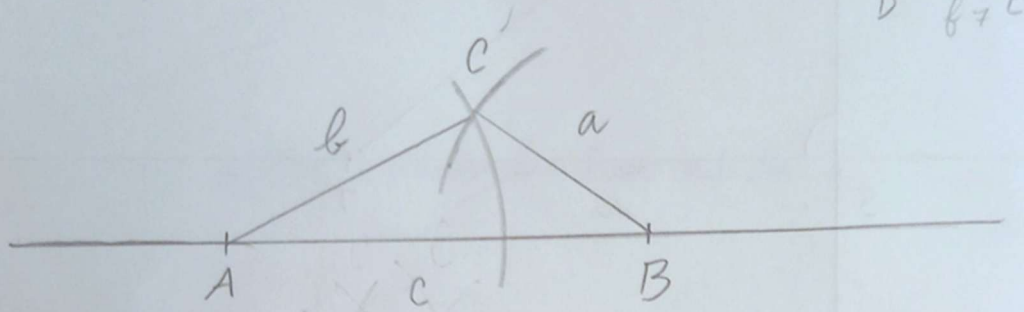
Trojúhelníková nerovnost

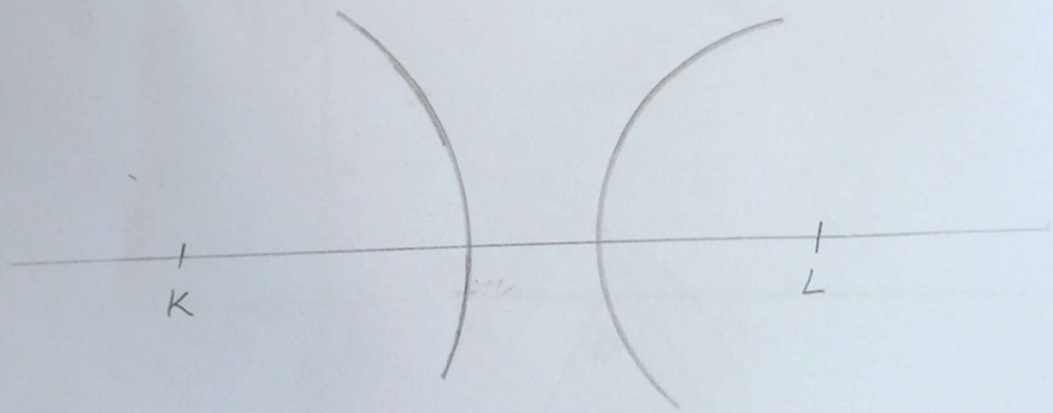
Trojúhelník lze sestrojit, pokud je součet dvou nejkratší stran větší než třetí strana.

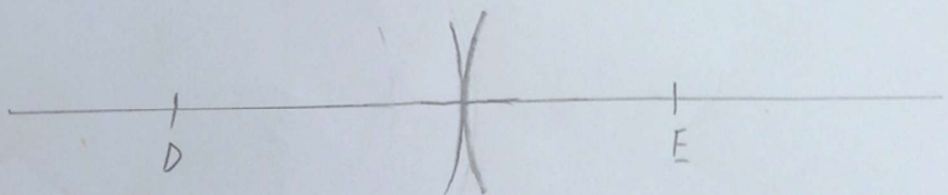
$\triangle ABC: a = 3\,cm, b = 4\,cm, c = 6\,cm$ $3+4 > 6$ ANO △

$\triangle KLM: k = 3\,cm, l = 4\,cm, m = 9\,cm$ $3+4 < 9$ NE ⧋

$\triangle DEF: d = 3\,cm, e = 4\,cm, f = 7\,cm$ $3+4 = 7$ NE ⊥







obvod trojúhelníka

$o_{\triangle} = a + b + c$

$o = 3\,cm + 4\,cm + 6\,cm$

$o = 12\,cm$