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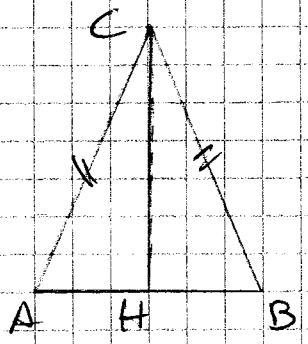
$A_{\Delta \text{ isoscele}} = 100\ cm^2$

$2p = ?$

$AB = 20\ cm$



$2p = AB + 2BC$

$A : 2 = 50\ cm^2$

$BH = 10\ cm$

$CH = \frac{50\ cm^2 \cdot 2}{10\ cm} = 10\ cm$

$BC = AC = \sqrt{(CH)^2 + (BH)^2} = \sqrt{100 + 100} = \sqrt{200} =$

$= 14,1\ cm$

$2p = 20\ cm + (14,1 - 2) = 48,2\ cm$