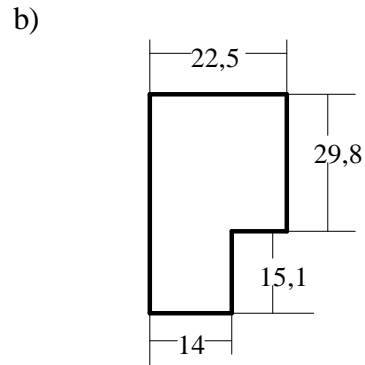
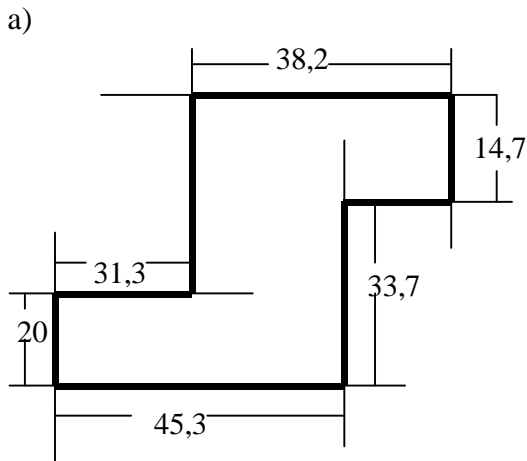


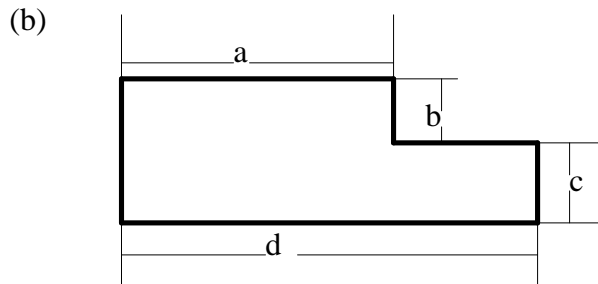
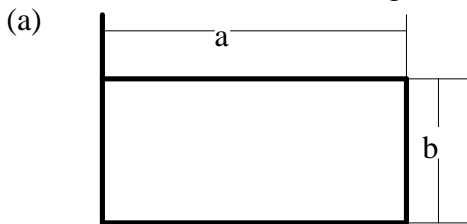
Umfang, Fläche; Rechteck, Quadrat; Dezimalzahlen

- (1) (a) $0,018308 \text{ ha} = \dots\dots\dots \text{cm}^2$ (b) $123\,452,101 \text{dm}^2 = \dots\dots\dots \text{a}$
 (c) $0,00031 \text{m}^2 = \dots\dots\dots \text{cm}^2$ (d) $0,01875643 \text{ km}^2 = \dots\dots\dots \text{dm}^2$

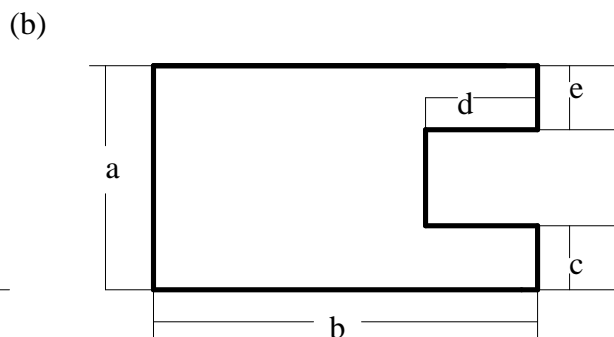
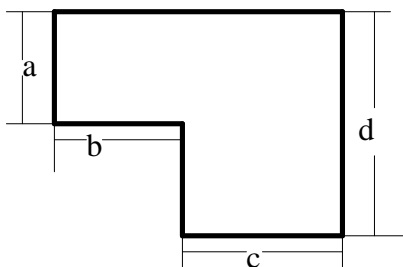
- (2) Berechne die **Fläche** und den **Umfang** des Grundstückes!
 Alle Angaben sind in **m** angegeben!



- (3) Berechne Flächen und Umfänge!



- (4) (a)



Lösungen (1) (a) 1830800cm^2 (b) $12,3452101 \text{a}$ (c) $3,1 \text{cm}^2$ (d) 1875643dm^2 (2)(a) $A=1659,34 \text{cm}^2$; $U=235,8 \text{m}$ (b) $A=881,9 \text{m}^2$; $U=134,8 \text{m}$
 (3)(a) $A=a \cdot b$; $U=2 \cdot a + 2 \cdot b = 2 \cdot (a+b)$ (b) $A= a \cdot b + c \cdot d = a \cdot (b+c) + c \cdot (d-a)$
 (4)(a) $a \cdot b + c \cdot d = a \cdot (b+c) + (d-a) \cdot c$; $U= 2 \cdot (b+c) + 2 \cdot d = a+b+(d-a)+c+d+b+c$; $U=2b+2c+2d$
 (b) $a \cdot b - d \cdot (a-e) = a \cdot (b-d) + e \cdot d = e \cdot b + (a-e) \cdot (b-d) + b \cdot c$; oder $a \cdot b - a \cdot d + d \cdot e + d \cdot c$; $U= a+b+c+d+(a-e-c)+d+e+b$; $U=2 \cdot a + 2 \cdot b$