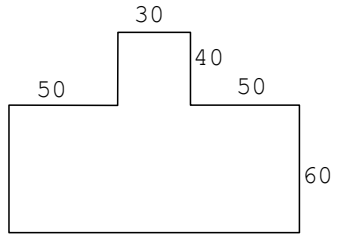
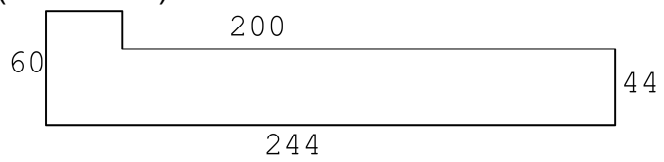
**M1** **Zusammengesetzte Figuren** **Name:**

1)Berechne den Flächeninhalt und den Umfang des skizzierten Grundstücks!
(Maße in m)

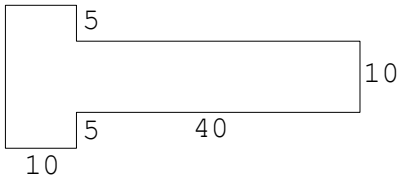



2)Berechne
a) den Umfang
b) den Flächeninhalt
des Grundstückes!

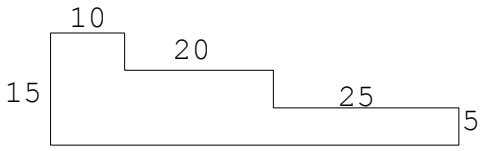
(Maße in m)




3)Berechne Umfang und Flächeninhalt! (Maße in mm)

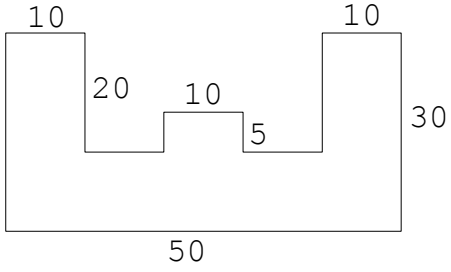



4)Wie groß ist der Flächeninhalt? (Maße in m)

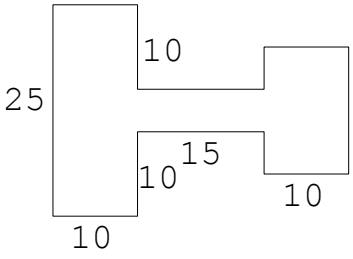



5)Berechne den Umfang der Figuren! (Maße in cm)

a)

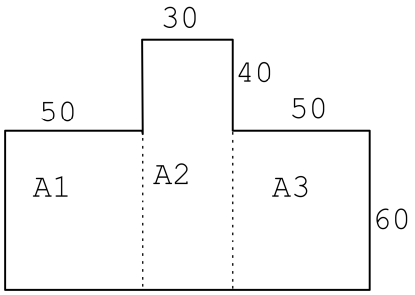



b)



**M1** **Zusammengesetzte Figuren** **Name:**

1) Lösung zu 5G5.03-E / 003-e

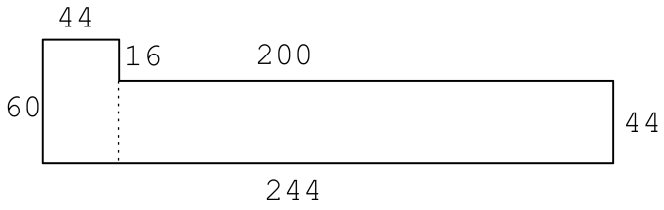



A1 = 50 . 60
A1 = 3000
A2 = 30 . 100
A2 = 3000
A3 = A1
A3 = 3000

u = (130+100).2
u = 460 m

A = A1 + A2 + A3
A = **9000 m²**
Die Gesamtfläche beträgt **9000 m²**.

2) Lösung zu 5G5.03-E / 004-e




a)
u = 2 . 244 + 2 . 60
u = **608 m**
b)
A = 44 . 60 + 200 . 44
A = **11 440 m²**

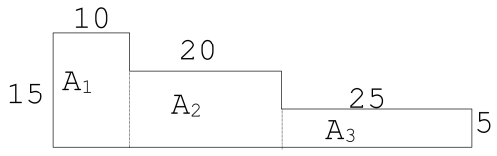
3) Lösung zu 5G5.03-E / 006-e

A = 10 . 20 + 40 . 10
A = 200 + 400
A = **600 mm²**

u = **140 mm**

4) Lösung zu 5G5.03-E / 007-e

beispielsweise




$A_1$ = 10 . 15
$A_1$ = 150
$A_2$ = 20 . 10
$A_2$ = 200
$A_3$ = 25 . 5
$A_3$ = 125

$A = A_1 + A_2 + A_3$
A = **475 m²**

5) Lösung zu 5G5.03-E / 008-e

a)
u = **210 cm**

b)
u = **140 cm**