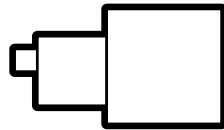
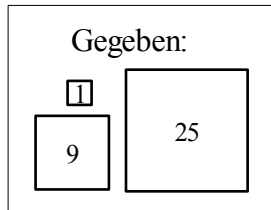


# Geometrie Einstufungstest 2009

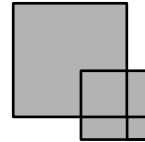
Name: \_\_\_\_\_

## 3 Punkte

1)

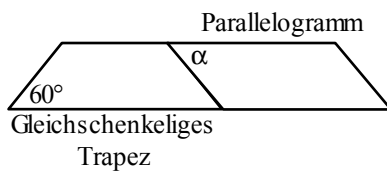


Umfang = \_\_\_\_\_  
(1 Punkt)

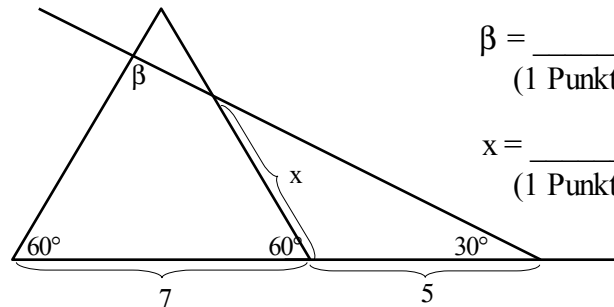


Fläche = \_\_\_\_\_  
(2 Punkte)

2)



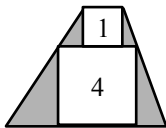
$\alpha =$  \_\_\_\_\_  
(1 Punkt)



$\beta =$  \_\_\_\_\_  
(1 Punkt)

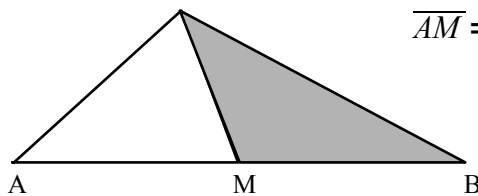
$x =$  \_\_\_\_\_  
(1 Punkt)

3)



$\square =$  \_\_\_\_\_

4)



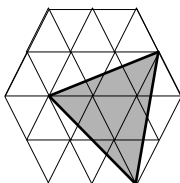
$\overline{AM} = \overline{MB}$

$\square = 7 \text{ cm}^2$

$\square =$  \_\_\_\_\_

## 4 Punkte

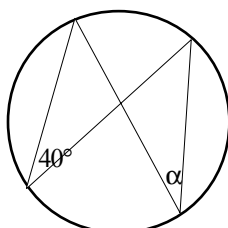
5)



$\triangle = 1$

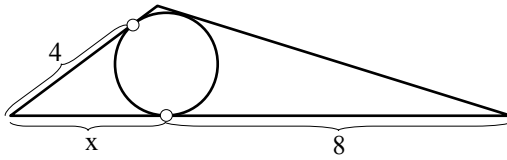
$\square =$  \_\_\_\_\_

6)



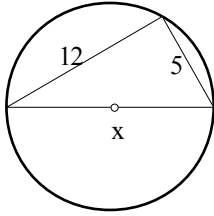
$\alpha =$  \_\_\_\_\_

7)



$x = \underline{\hspace{2cm}}$

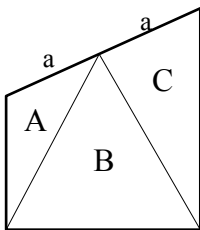
8)



$x = \underline{\hspace{2cm}}$

**5 Punkte**

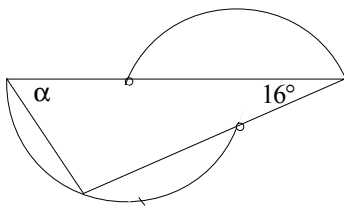
9)



$A = 7 \text{ cm}^2, C = 11 \text{ cm}^2$

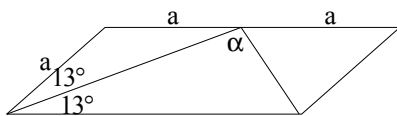
$B = \underline{\hspace{2cm}}$

10)



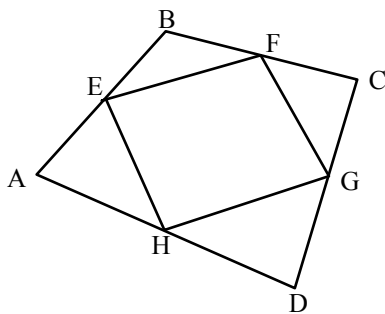
$\alpha = \underline{\hspace{2cm}}$

11)



$\alpha = \underline{\hspace{2cm}}$

12)



E, F, G und H seien die Seitenmittelpunkte.

EFGH ist ein Parallelogramm, wenn

- ABCD ein
- Quadrat
  - Rechteck
  - Parallelogramm
  - Deltoid
  - allgemeines Viereck
- ist. (Alle richtigen ankreuzen!)

Viel Erfolg! 😊