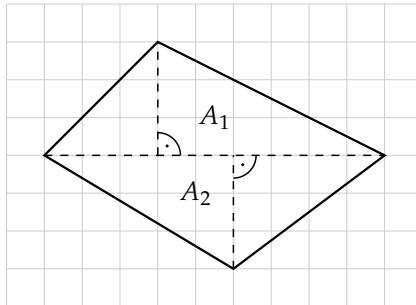


Aufgabe 5

$$A_{\text{Dreieck}} = \frac{1}{2} \cdot g \cdot h$$

a)

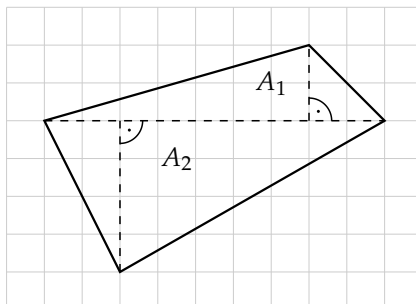


$$A_1 = \frac{1}{2} \cdot 4,5 \cdot 1,5 = 3,375 \text{ [cm}^2\text{]}$$

$$A_2 = \frac{1}{2} \cdot 4,5 \cdot 1,5 = 3,375 \text{ [cm}^2\text{]}$$

$$A_{\text{gesamt}} = A_1 + A_2 = 3,375 + 3,375 = 6,75 \text{ [cm}^2\text{]}$$

b)

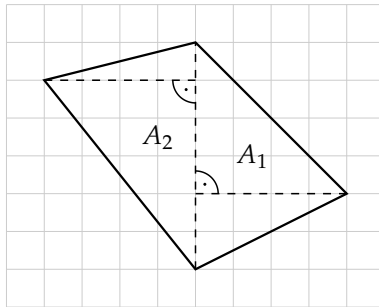


$$A_1 = \frac{1}{2} \cdot 4,5 \cdot 1 = 2,25 \text{ [cm}^2\text{]}$$

$$A_2 = \frac{1}{2} \cdot 4,5 \cdot 2 = 4,5 \text{ [cm}^2\text{]}$$

$$A_{\text{gesamt}} = A_1 + A_2 = 2,25 + 4,5 = 6,75 \text{ [cm}^2\text{]}$$

c)



$$A_1 = \frac{1}{2} \cdot 3 \cdot 2 = 3 \text{ [cm}^2\text{]}$$

$$A_2 = \frac{1}{2} \cdot 3 \cdot 2 = 3 \text{ [cm}^2\text{]}$$

$$A_{\text{gesamt}} = A_1 + A_2 = 3 + 3 = 6 \text{ [cm}^2\text{]}$$