

**Aufgabe 5**

a)

$$A_{\text{Parallelogramm}} = a \cdot h_a$$

$$A = 3,5 \cdot 2 = 7 \text{ [cm}^2\text{]}$$

$$U_{\text{Parallelogramm}} = 2 \cdot a + 2 \cdot b$$

$$U = 2 \cdot 2,2 + 2 \cdot 3,5 = 11,4 \text{ [cm]}$$

b)

$$A_{\text{Trapez}} = \frac{a + c}{2} \cdot h_a$$

$$A = \frac{5 + 2}{2} \cdot 2 = 7 \text{ [cm}^2\text{]}$$

$$U_{\text{Trapez}} = a + b + c + d$$

$$U = 5 + 2,2 + 2 + 2,8 = 12 \text{ [cm]}$$

c)

$$A_{\text{Trapez}} = \frac{a + c}{2} \cdot h_a$$

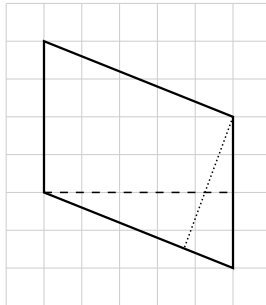
$$A = \frac{1,5 + 2}{2} \cdot 2 = 3,5 \text{ [cm}^2\text{]}$$

$$U_{\text{Trapez}} = a + b + c + d$$

$$U = 2 + 2 + 2,1 + 1,5 = 7,6 \text{ [cm]}$$

## Aufgabe 8

a)

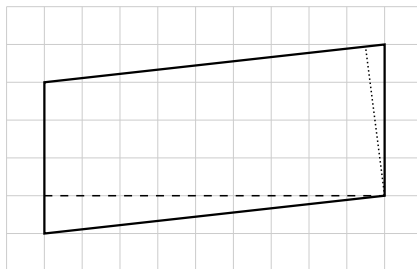


$$A_{\text{Parallelogramm}} = a \cdot h_a$$

$$A = 2 \cdot 2,5 = 5 \text{ [cm}^2\text{]}$$

$$A = 2,7 \cdot 1,85 = 4,995 \approx 5 \text{ [cm}^2\text{]}$$

b)

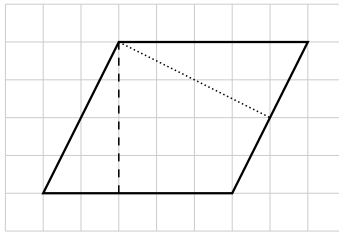


$$A_{\text{Parallelogramm}} = a \cdot h_a$$

$$A = 2 \cdot 4,5 = 9 \text{ [cm}^2\text{]}$$

$$A = 4,5 \cdot 2 = 9 \text{ [cm}^2\text{]}$$

c)



$$A_{\text{Parallelogramm}} = a \cdot h_a$$

$$A = 2,5 \cdot 2 = 5 \text{ [cm}^2\text{]}$$

$$A = 2,3 \cdot 2,25 = 5,175 \approx 5 \text{ [cm}^2\text{]}$$