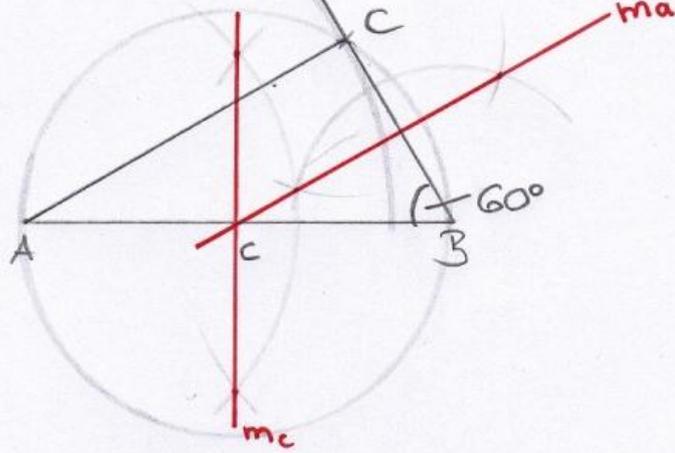
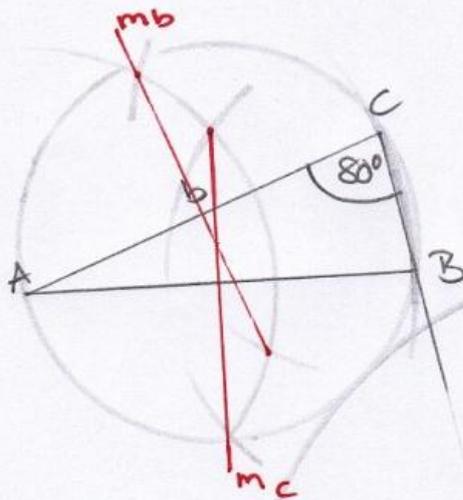


Höhen, Mittelsenkrechten, Winkelhalbierende, Seitenhalbierende1. Aufgabe

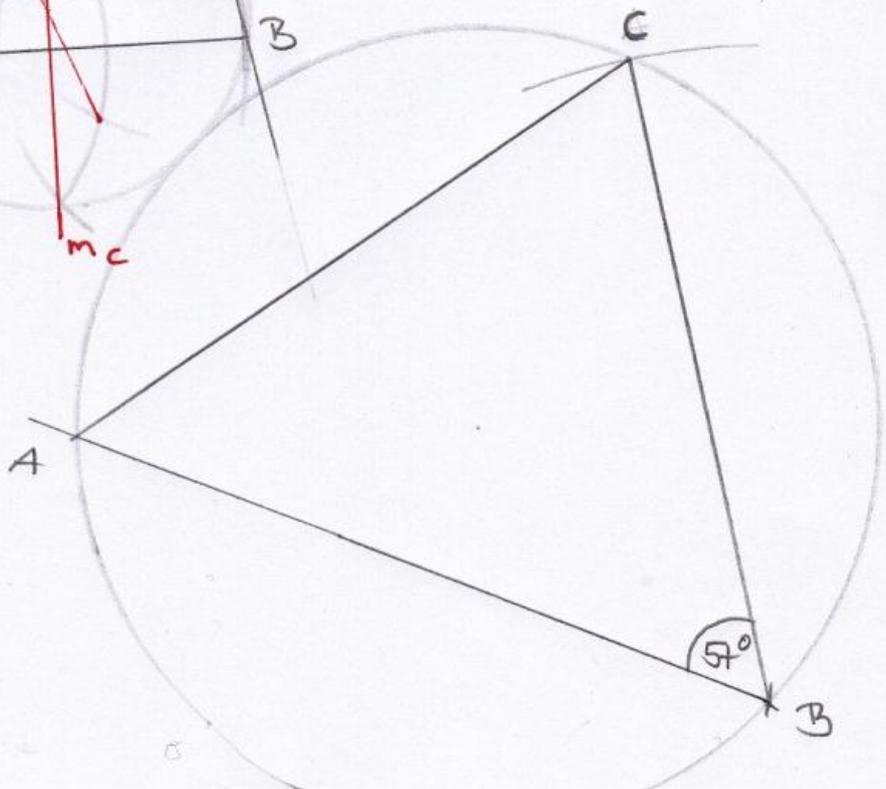
a)



b)

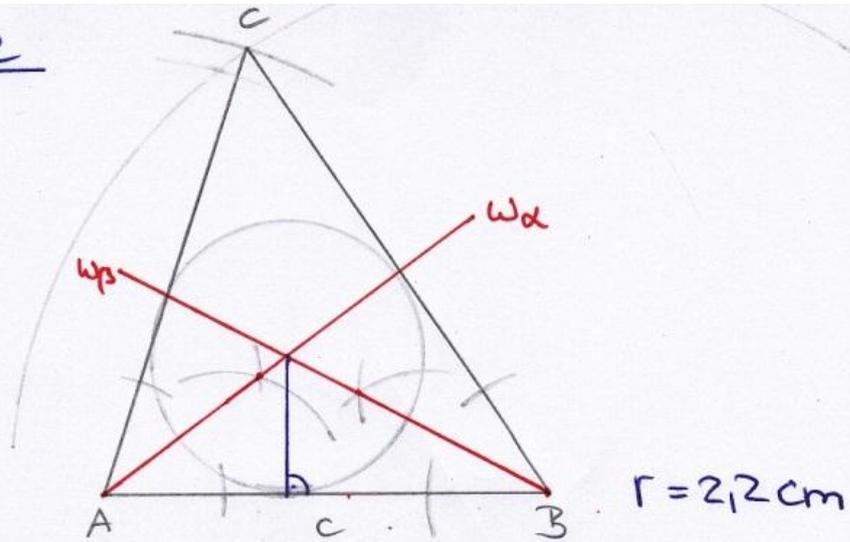


c)

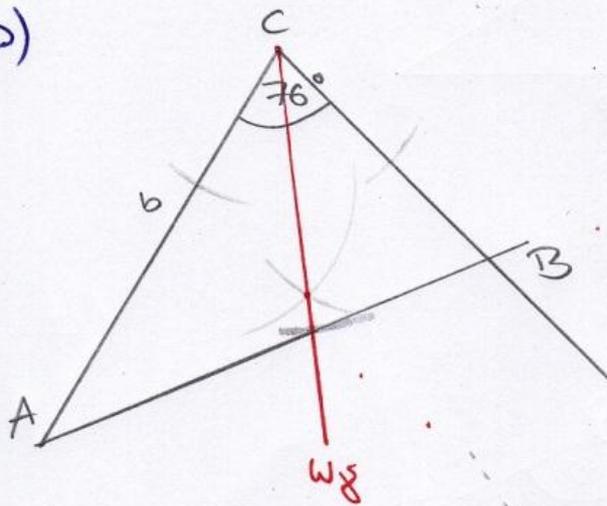


2. Aufgabe

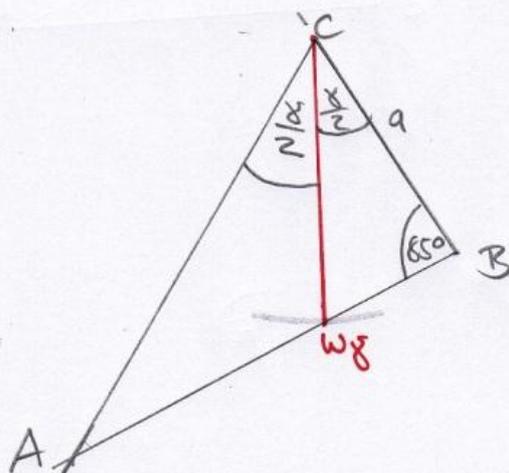
a)



b)

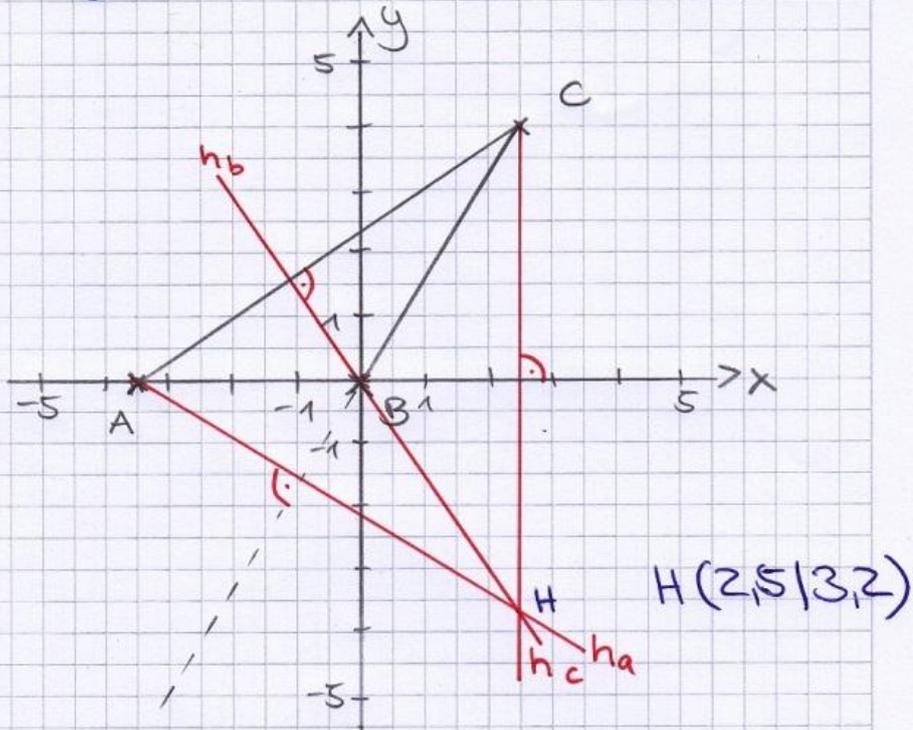


c)

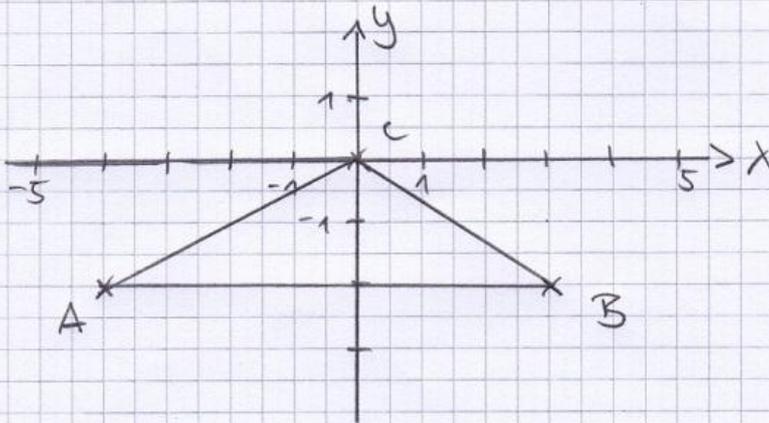


3. Aufgabe

a)



b)



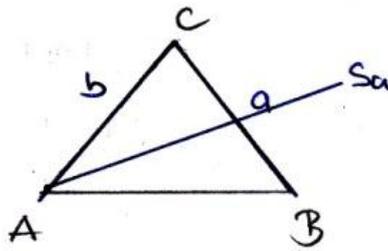
Flächeninhalt:

$$\begin{aligned} A_{\Delta} &= \frac{1}{2} \cdot g \cdot h \\ &= \frac{1}{2} \cdot 7 \text{ cm} \cdot 2 \text{ cm} \\ &= 7 \text{ cm}^2 \end{aligned}$$

$$\begin{aligned} g &= 3 - (-4) \\ &= 3 + 4 \\ &= 7 \end{aligned}$$

4. Aufgabe

Planfigur:



Konstruktionsplan:

(1) A und C durch $\overline{AC} = b = 4,4 \text{ cm}$ gegeben.(2) M_a liegt auf1. Kreis $k(C; \frac{a}{2})$ 2. Kreis $k(A, S_a)$

(3) B liegt auf

1. $C M_a$ 2. Kreis $k(C, a)$

(4) A und B verbinden.

Konstruktion:

