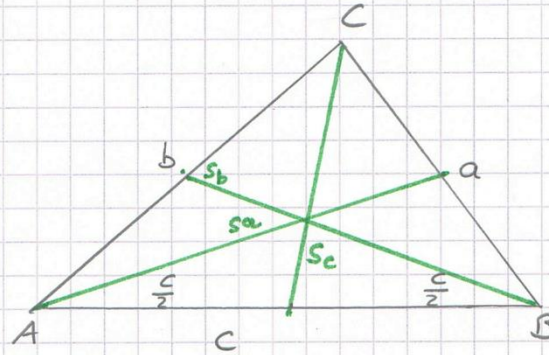


Lösungen der Arbeitsaufträge
vom 02.06. - 12.06.20, Mathe 7-C

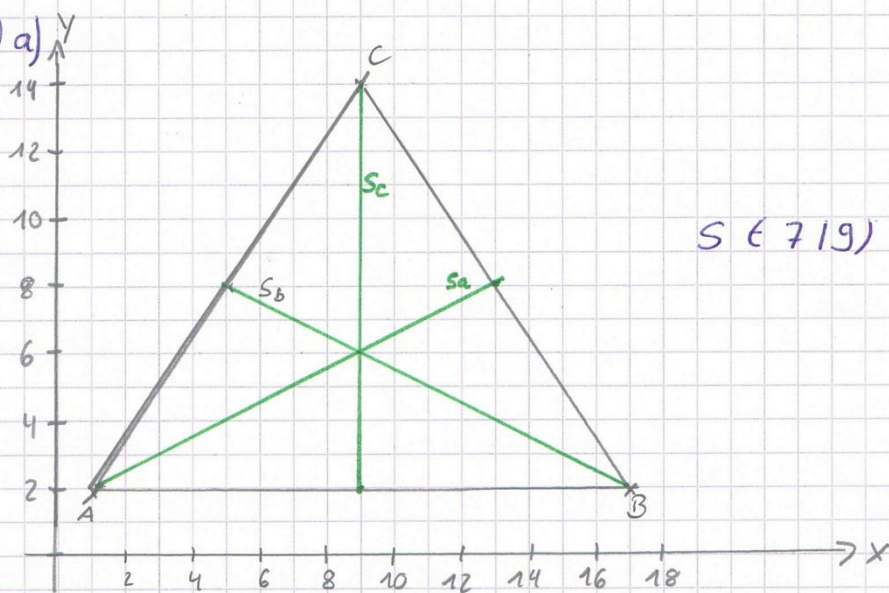
Arbeitsaufträge vom 02.06. - 05.06.20

S. 150, Nr. 2, 4

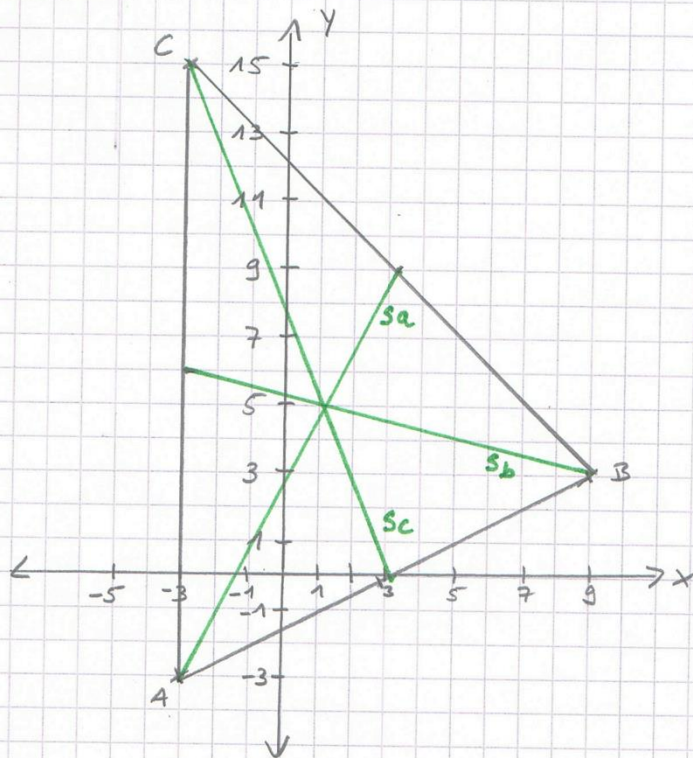
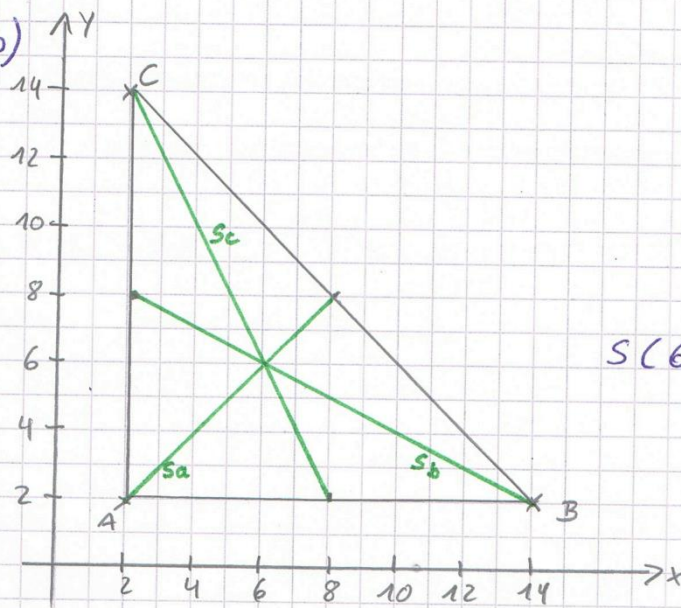
(2)



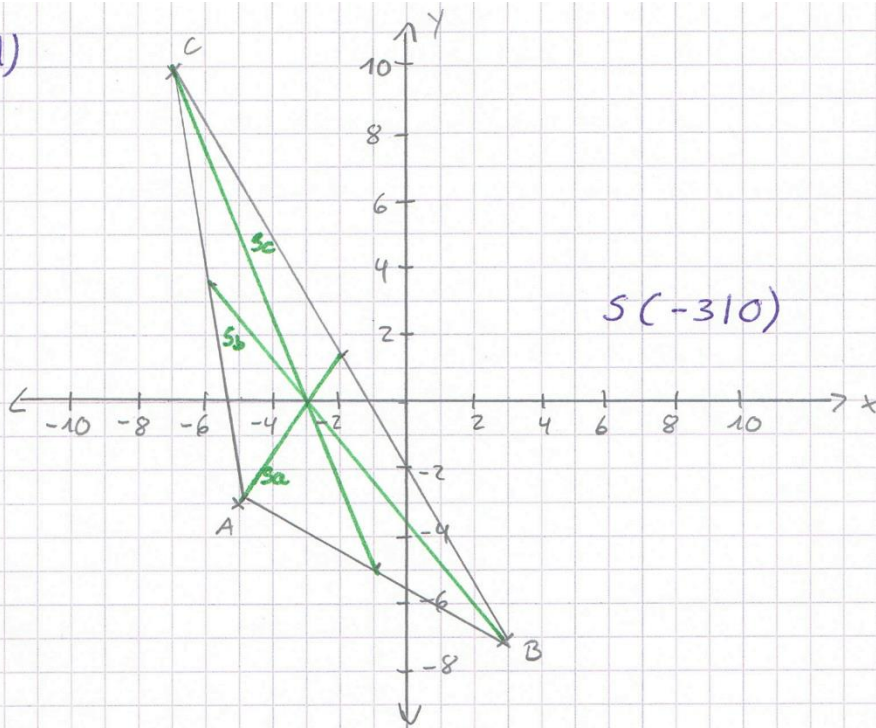
(4) a)



④ b)



④ d)



S. 154, Nr. 1, 2a/b, 4, 6, 7c/d

- ① I : $\alpha = 35^\circ$ $\beta = 35^\circ$ $\gamma = 110^\circ$
 II : $\alpha = 60^\circ$ $\beta = 60^\circ$ $\gamma = 60^\circ$
 III : $\alpha = 40^\circ$ $\beta = 90^\circ$ $\gamma = 50^\circ$
 IV : $\alpha = 30^\circ$ $\beta = 120^\circ$ $\gamma = 30^\circ$

②

	a	b	c	α	β	γ	Form
a)	3,2cm	5,8cm	7,2cm	25°	52°	103°	stumpfwinklig
b)	4,5cm	3,5cm	5,7cm	52°	38°	90°	rechtwinklig
c)	3,4cm	5,1cm	7,6cm	20°	32°	128°	stumpfwinklig
d)	5,8cm	4 cm	5,2cm	77°	42°	61°	spitzwinklig

- ④ a) $\gamma = 80^\circ$ b) $\alpha = 140^\circ$ c) $\beta = 60^\circ$ d) $\gamma = 67^\circ$

- ⑥ a) $\alpha = 70^\circ$ $\beta = 60^\circ$ $\gamma = 50^\circ$
 b) $\alpha = 110^\circ$ $\beta = 25^\circ$ $\gamma = 45^\circ$

⑦c) S(1111)

d) S(7115)

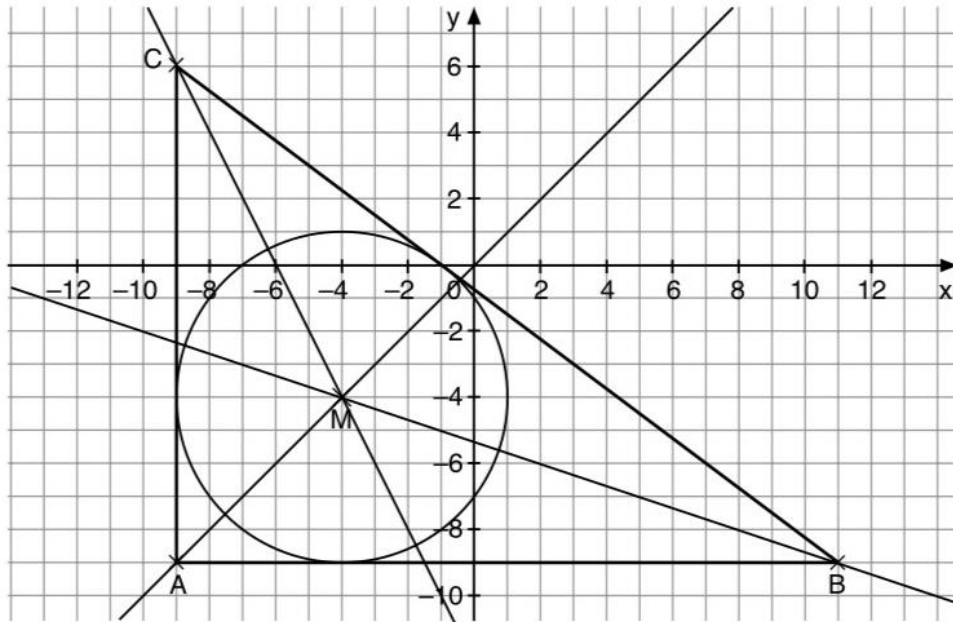
③

Arbeitsaufträge vom 08.06. - 12.06.20

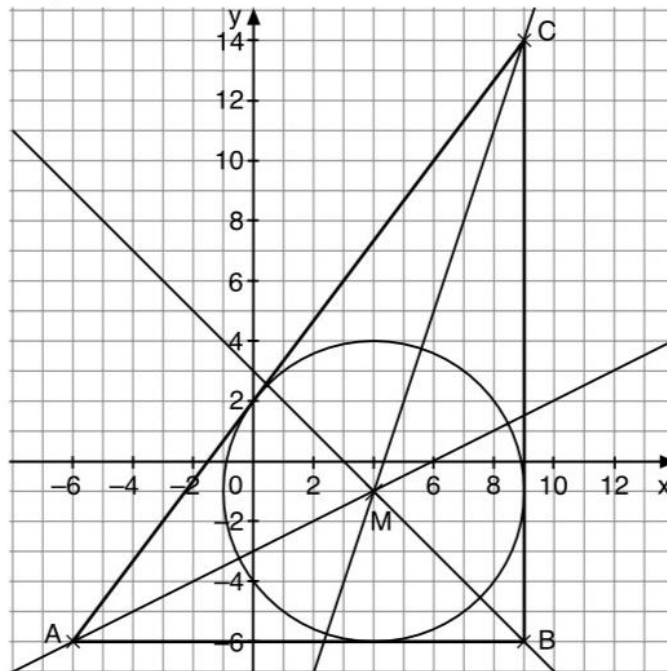
S. 155, Nr. 8, 13a/b, 14c/d

- ⑧ a) $\alpha = 55^\circ$ $\beta = 45^\circ$ $\gamma = 80^\circ$
b) $\alpha = 50^\circ$ $\beta = 65^\circ$ $\gamma = 65^\circ$

- 13 a) $M(-4|-4)$, $r \approx 7,1$ cm



- b) $M(4|-1)$, $r \approx 7,1$ cm



(14) c) H (210)

d) H (311)

S. 156, Nr. 15

$$\begin{aligned} (15) \quad \alpha_1 &= 50^\circ & \alpha_2 &= 130^\circ & \alpha_3 &= 50^\circ & \alpha_4 &= 130^\circ \\ \beta_1 &= 60^\circ & \beta_2 &= 120^\circ & & & \beta_4 &= 120^\circ \\ \gamma_2 &= 60^\circ & \gamma_3 &= 50^\circ & \gamma_4 &= 70^\circ & \gamma_5 &= 60^\circ & \gamma_6 &= 50^\circ \end{aligned}$$

S. 158, Nr. 1, 5

↳ s. Lösungen im Buch S. 240