

Lösungen Mathematik (04.05. – 08.05.2020)

Aufgabe zum Warmwerden

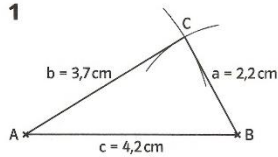
Quadratzauber

● = 5; ■ = 3; △ = 7; □ = 4; ? = 17

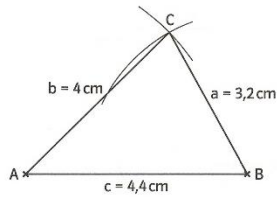
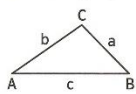
Lösungen PDF-Datei „Übungen_KW19“ Seite 1

Dreiecke konstruieren (SSS), Seite 32

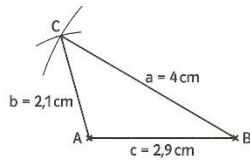
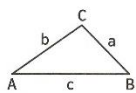
1



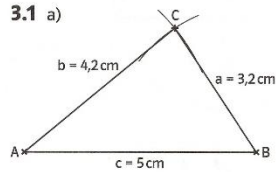
2 Planfigur



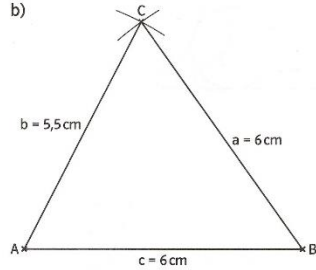
3 Planfigur



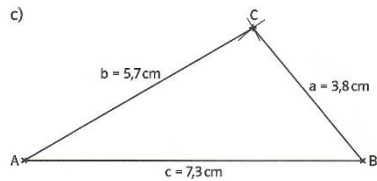
3.1 a)



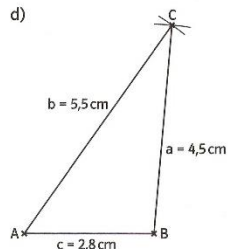
b)



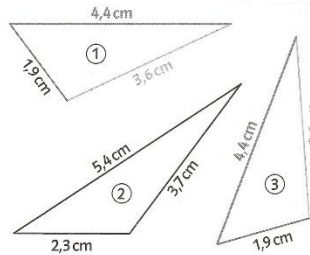
c)



d)

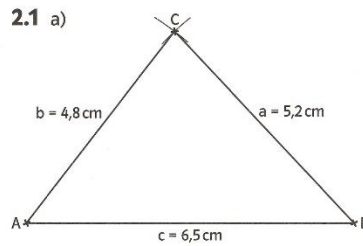


4 a) und b)

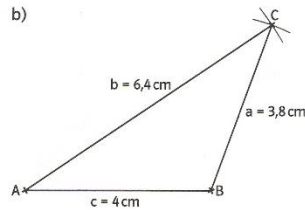


c)

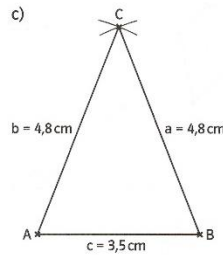
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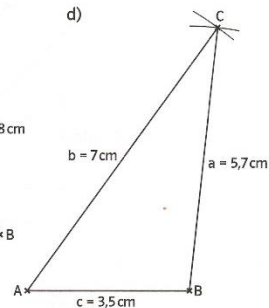
b)



c)



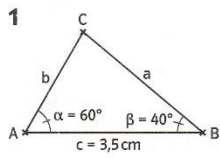
d)



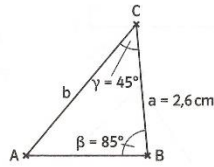
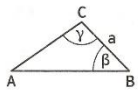
4.1 Folgende Dreiecke sind kongruent, da sie in den Seitenlängen übereinstimmen:

Dreieck ①, ②, ⑤ und ⑥ sowie Dreieck ③ und ④.

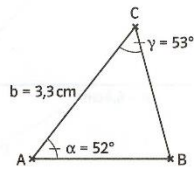
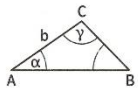
Dreiecke konstruieren (WSW), Seite 34



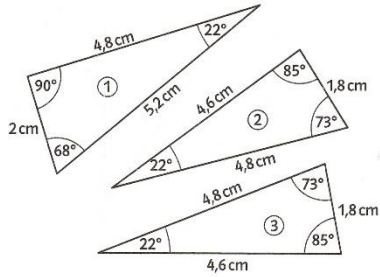
2 Planfigur



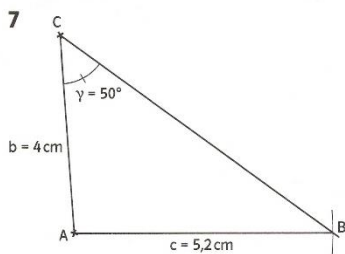
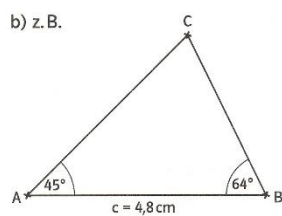
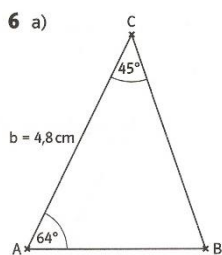
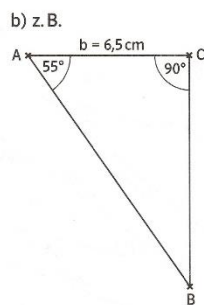
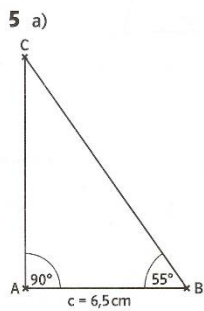
3 Planfigur



4 a) und b)



c) □



Dies gilt, weil SsW der vierte Kongruenzsatz ist.

