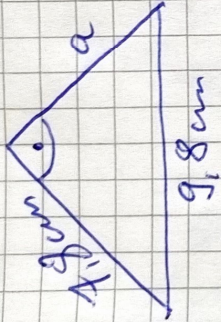


Lösung

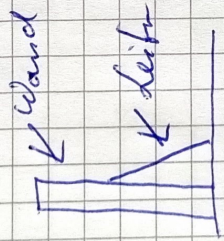
Aufgabe 1.



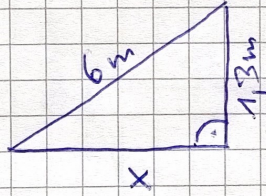
Ansatz: $9,8^2 = 7,8^2 + a^2$ $|-7,8^2$
 $35,2 = a^2$ $|\sqrt{\quad}$
5,9 cm = a

Aufgabe 3.

Bild



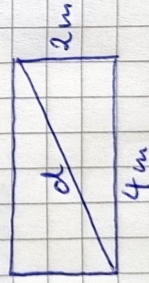
Skizze



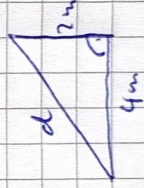
Ansatz: $6^2 = 1,3^2 + x^2$ $|-1,3^2$
 $34,3 = x^2$ $|\sqrt{\quad}$
5,9 m = x

Aufgabe 5.

Skizze

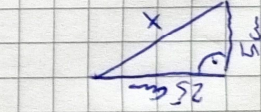
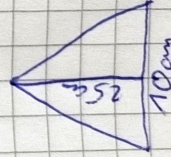


Ansatz: $d^2 = 4^2 + 2^2$ $|\sqrt{\quad}$
d = 4,5 m



Aufgabe 6

Skizze



Ansatz: $x^2 = 5^2 + 2,5^2$ $|\sqrt{\quad}$
x = 25,5 cm