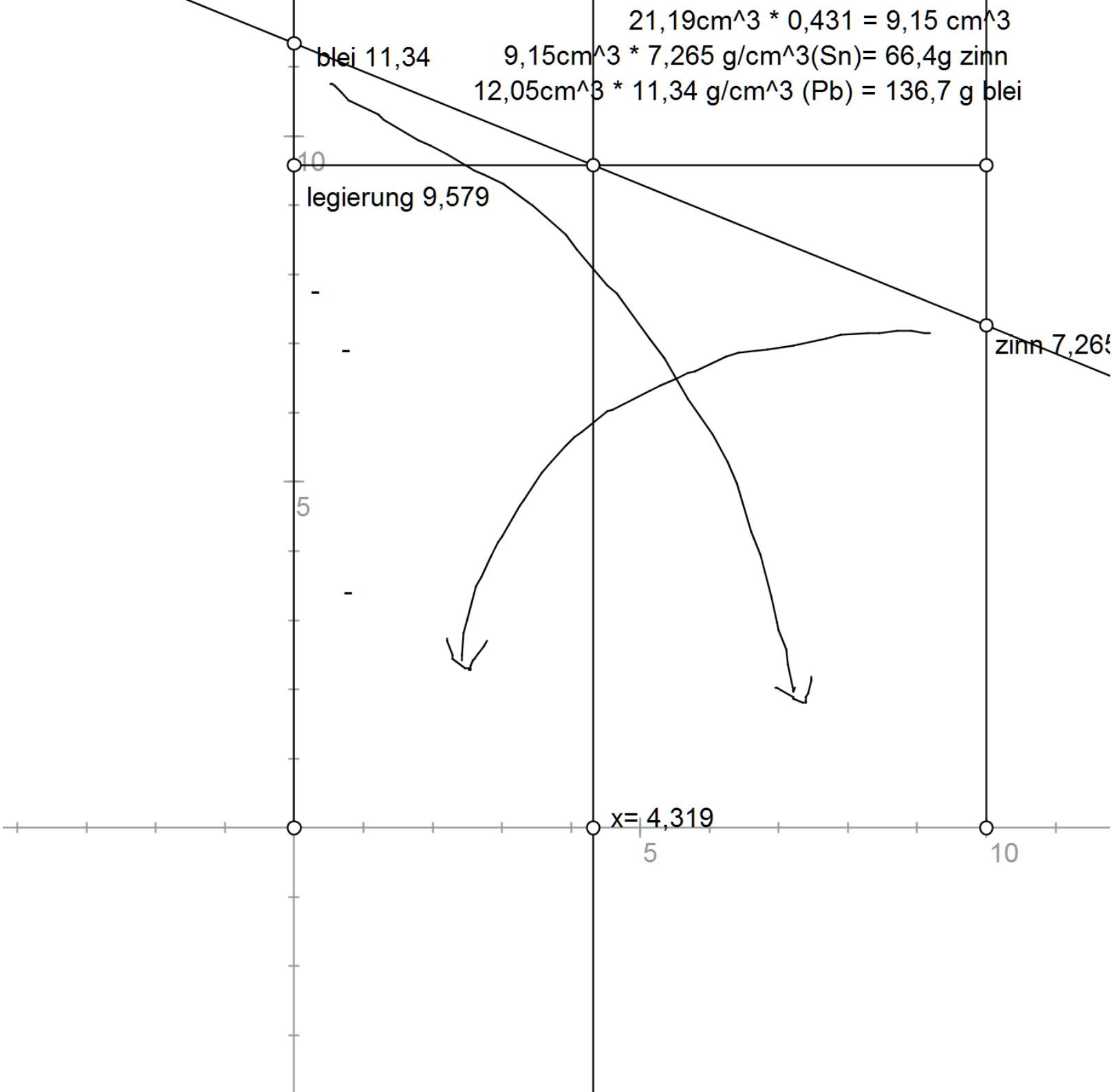
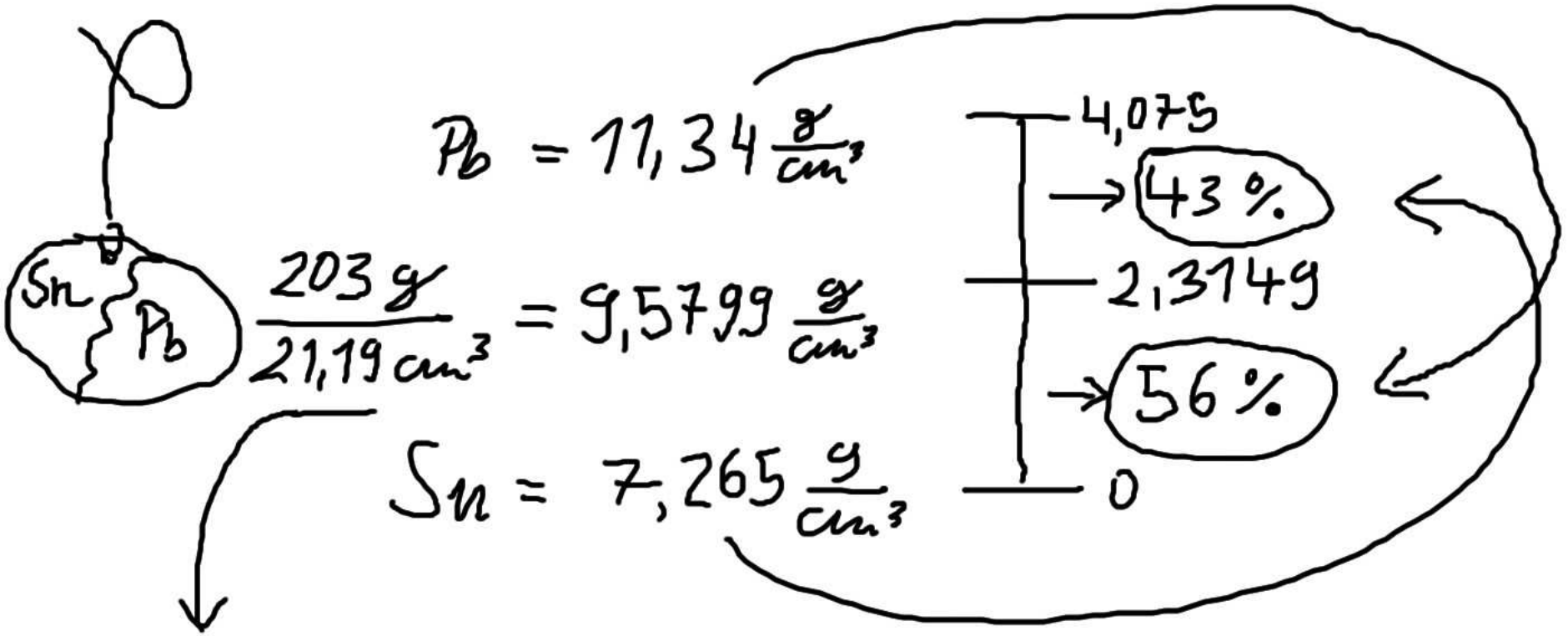

21,19cm^3 * 0,431 = 9,15 cm^3
blei 11,34
9,15cm^3 * 7,265 g/cm^3(Sn)= 66,4g zinn
12,05cm^3 * 11,34 g/cm^3 (Pb) = 136,7 g blei
10
legierung 9,579
-
-
zinn 7,265
5
-
x= 4,319
5
10

Prozentual



$21{,}19\,cm^3$

$43\% \Rightarrow 9{,}15\,cm^3 \cdot 7{,}265\,\frac{g}{cm^3} = 66{,}47\,g\ Sn$

$56\% \Rightarrow 12{,}03\,cm^3 \cdot 11{,}34\,\frac{g}{cm^3} = 136{,}42\,g\ Pb$

Pb 136 g	66 g Sn
66 %	33 % ≈

Nach Mischkreuz

$\frac{203\,g}{21{,}19\,cm^3}$

$9{,}579\ g/cm^3$ ↵

Pb 11,34 g/cm^3

Sn 7,265 g/cm^3

$9{,}5 - 7{,}2 = 2{,}3$

$11{,}3 - 9{,}5 = 1{,}8$

$\Rightarrow 4{,}1$

$\left(\frac{203\,g}{4{,}1} = 49{,}51\,g \text{ NO!}\right)$

$\frac{21{,}19\,cm^3}{4{,}1} = 5{,}16\,cm^3$ ↵

$5{,}16 \cdot 2{,}3 \cdot 11{,}34 = 134{,}5\,g\ Pb$

$5{,}16 \cdot 1{,}8 \cdot 7{,}265 = 67{,}4\,g\ Sn$

$\Rightarrow 203\,g \sim$

Pb 66 Sn 33