

# Captains' fight

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- ▶ Volume of the baikal lake :  $23 \cdot 10^3 \text{ km}^3$
- ▶ Maximal volume filtered by the kidneys per day :  
 $20 \text{ L} = 2 \cdot 10^{-2} \text{ m}^3$
- ▶ Volume drinkable by person during a year :  
 $2 \cdot 10^{-2} \text{ m}^3 \times 365 = 7,3 \text{ m}^3.$

Finally, we would need :

$$\frac{23 \cdot 10^{12} \text{ m}^3}{7,3 \text{ m}^3} = \boxed{3,2 \cdot 10^{12}}$$