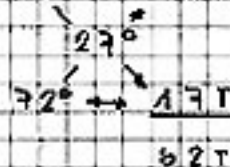


MISCHKREUZ

1. $10^\circ \rightarrow 45T$ $62T = 12l$



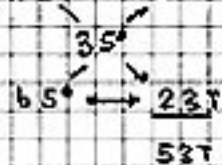
KW $\frac{62T}{1T} \frac{12l \cdot 45T}{62T} = 8,3l$

WW $\frac{62T}{1T} \frac{12l \cdot 17T}{62T} = 3,3l$

AG: Es werden benötigt: $8,3l$ KW + $3,3l$ WW

12l

2. $12^\circ \rightarrow 30T$ $53T = 250l$



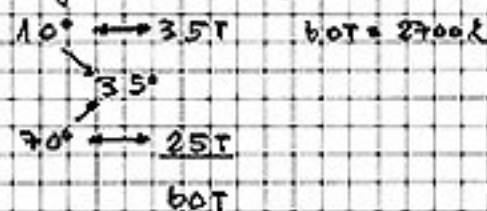
KW $\frac{53T}{1T} \frac{250l \cdot 30T}{53T} = 141,5l$

WW $\frac{53T}{1T} \frac{250l \cdot 23T}{53T} = 108,5l$

250l

AG: Es werden benötigt: $141,5l$ KW + $108,5l$ WW

3. Reizege Tischwasser pro Stunde: $12 \times 25 \cdot 6 = 2700l$



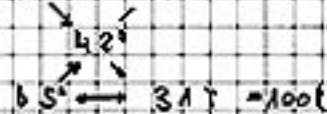
KW $\frac{60T}{1T} \frac{2700l \cdot 35T}{60T} = 1575l$

WW $\frac{60T}{1T} \frac{2700l \cdot 25T}{60T} = 1125l$

2700l

AG: Es werden benötigt: $1575l$ KW + $1125l$ WW

4. $11^\circ \rightarrow 23T$ $31T = 100l$ $1T = 100:31 = 3,23l$

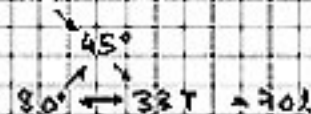


$23T$ KW = $23 \cdot 3,23l = 74,3l$

Kontrolle: $\frac{(74,3 \cdot 11) + (100 \cdot 65)}{(74,3 + 100)} = 42^\circ$

AG: Es braucht $74,3l$ KW

5. $12^\circ \rightarrow 35T$



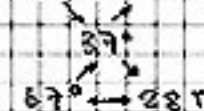
$70l$ WW = $35T$ $1T = 70:35 = 2,12l$

KW = $35T = 35 \cdot 2,12l = 74,2l$

Kontrolle: $\frac{(74,2 \cdot 12) + (70 \cdot 80)}{(74,2 + 70)} = 45^\circ$

AG: Es braucht: $74,2l$ KW + $70l$ WW

6. $9^\circ \rightarrow 30T = 450l$ $450l = 30T$ $1T = 450:30 = 15l$



WW = $28T = 28 \cdot 15l = 420l$

Kontrolle: $\frac{(450 \cdot 9) + (420 \cdot 67)}{(450 + 420)} = 37^\circ$

AG: Es werden benötigt: $420l$ WW + $30T$