

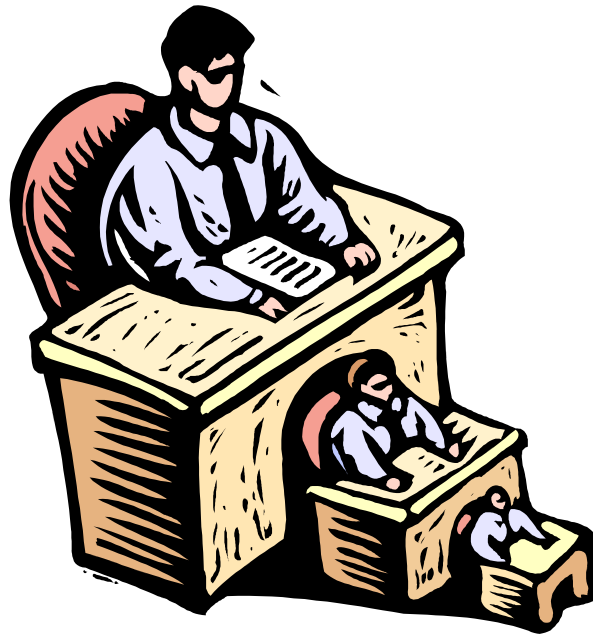


SEFCO

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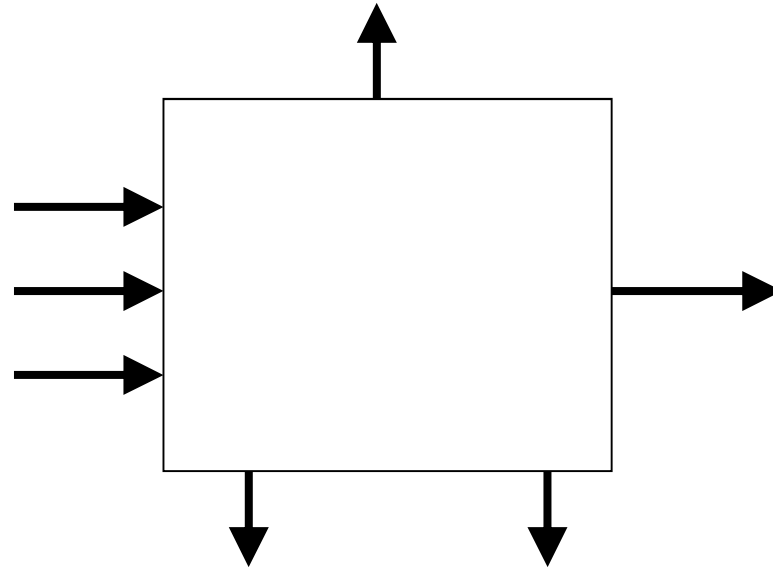


SEFCO 



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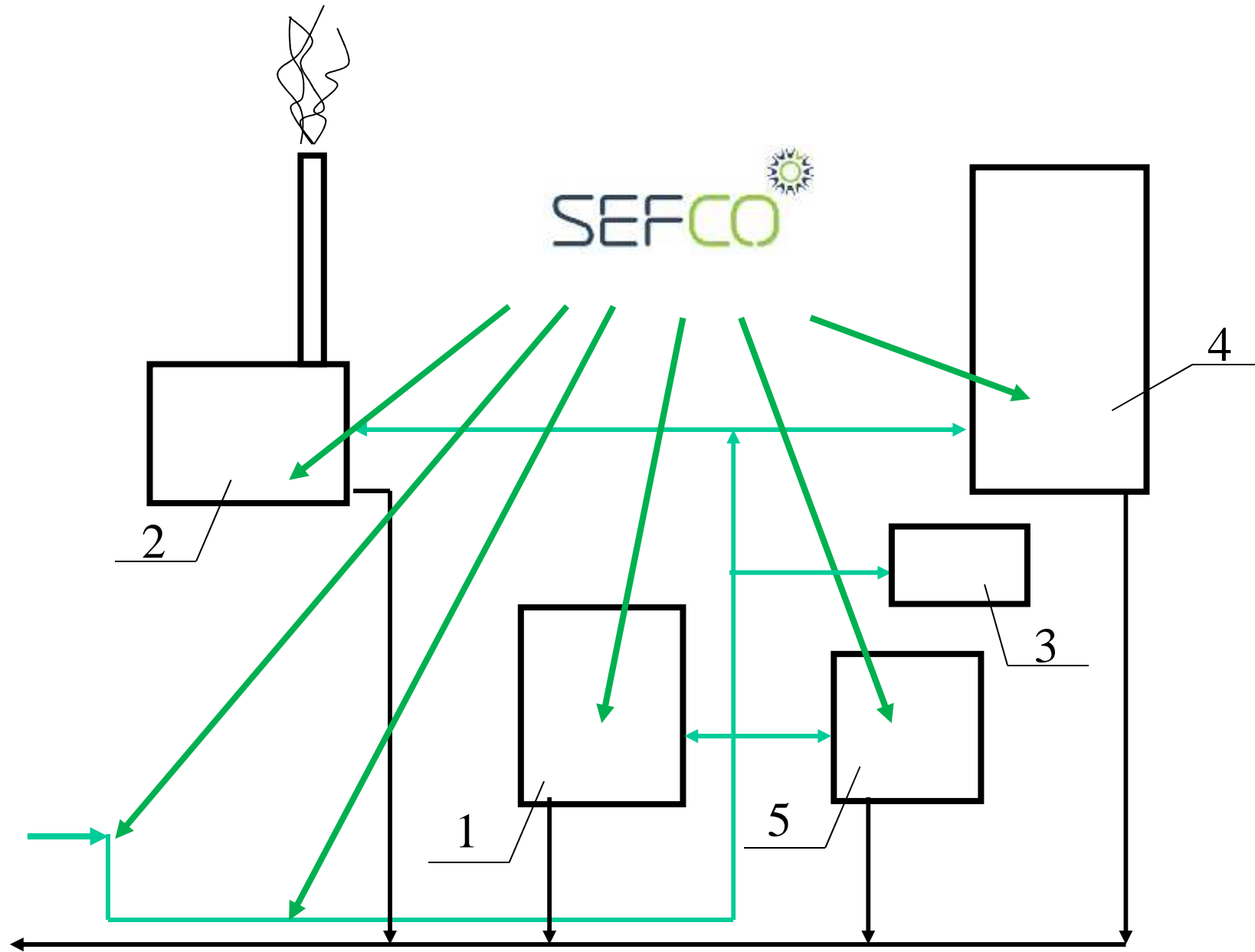


A: ,

B: , c < 1
.

C: , c > 1

- ()



SEFCO



SEFCO



SEFCO:

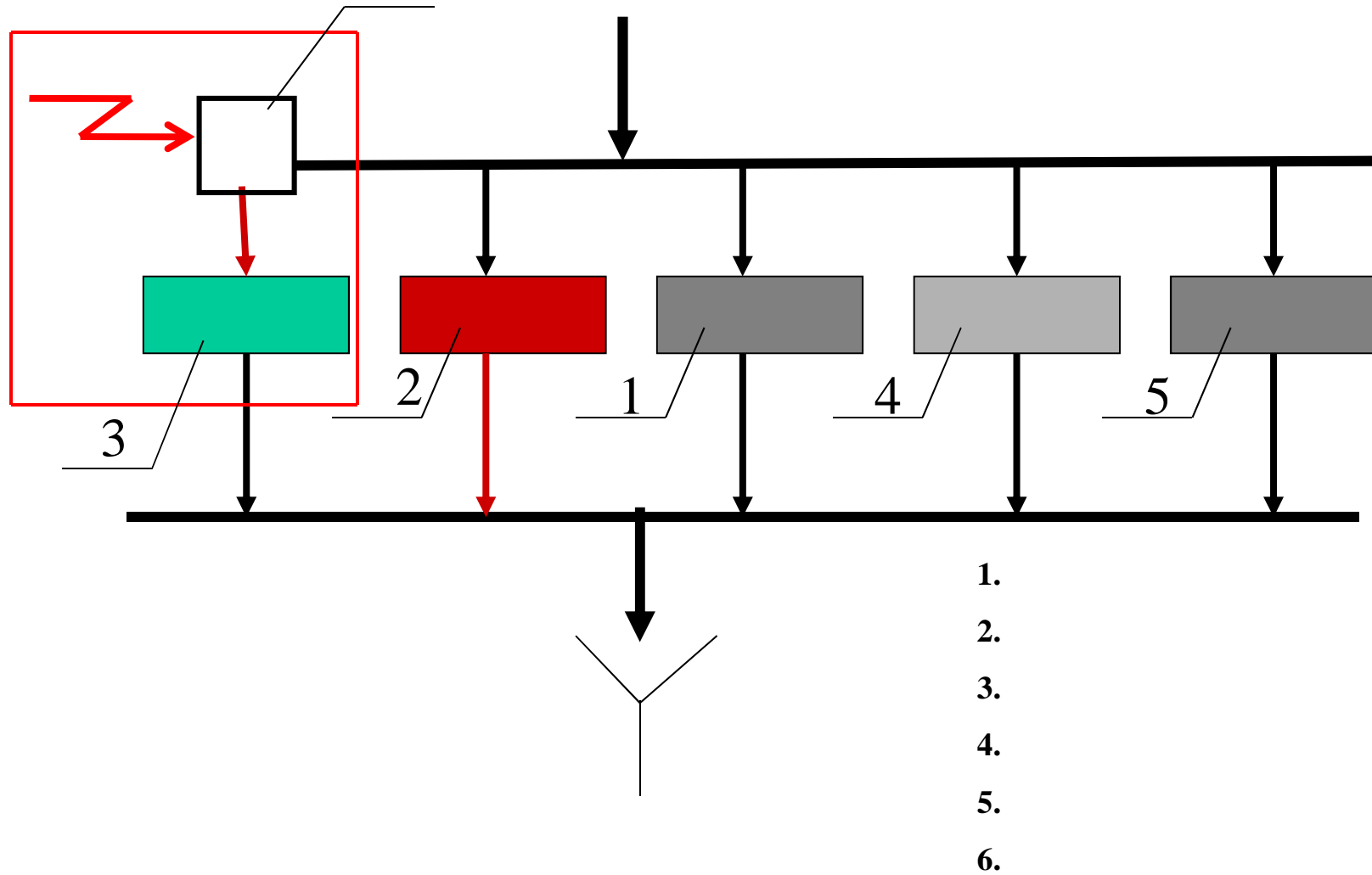
- C
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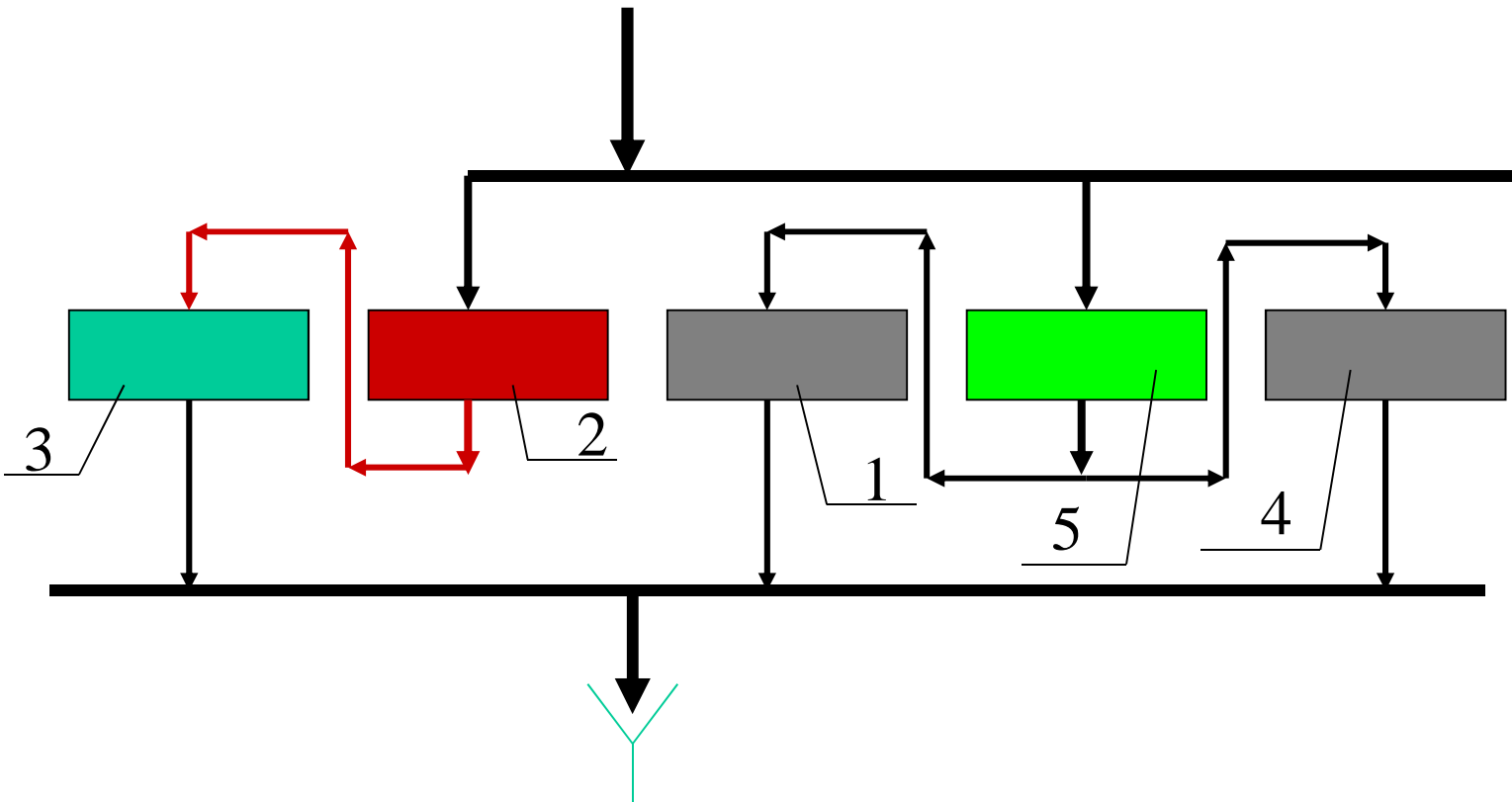
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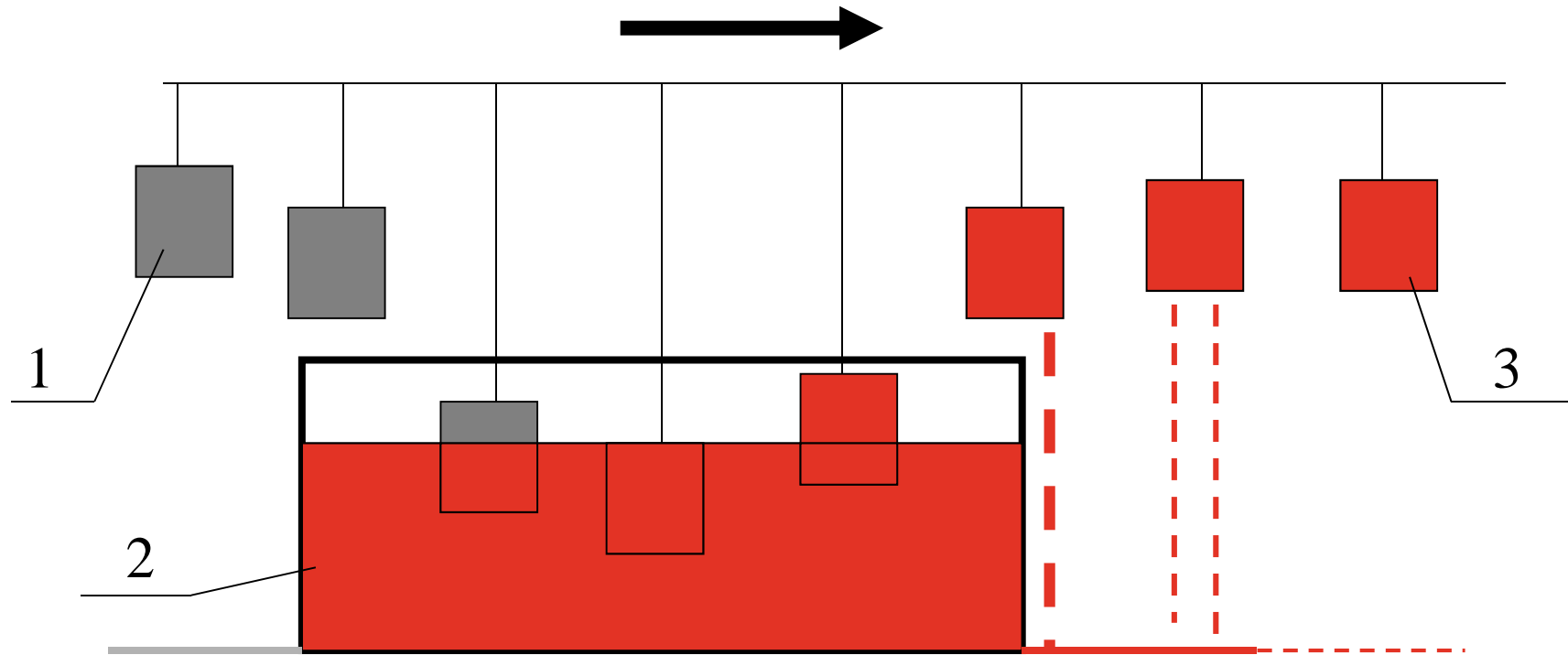
SEFCO



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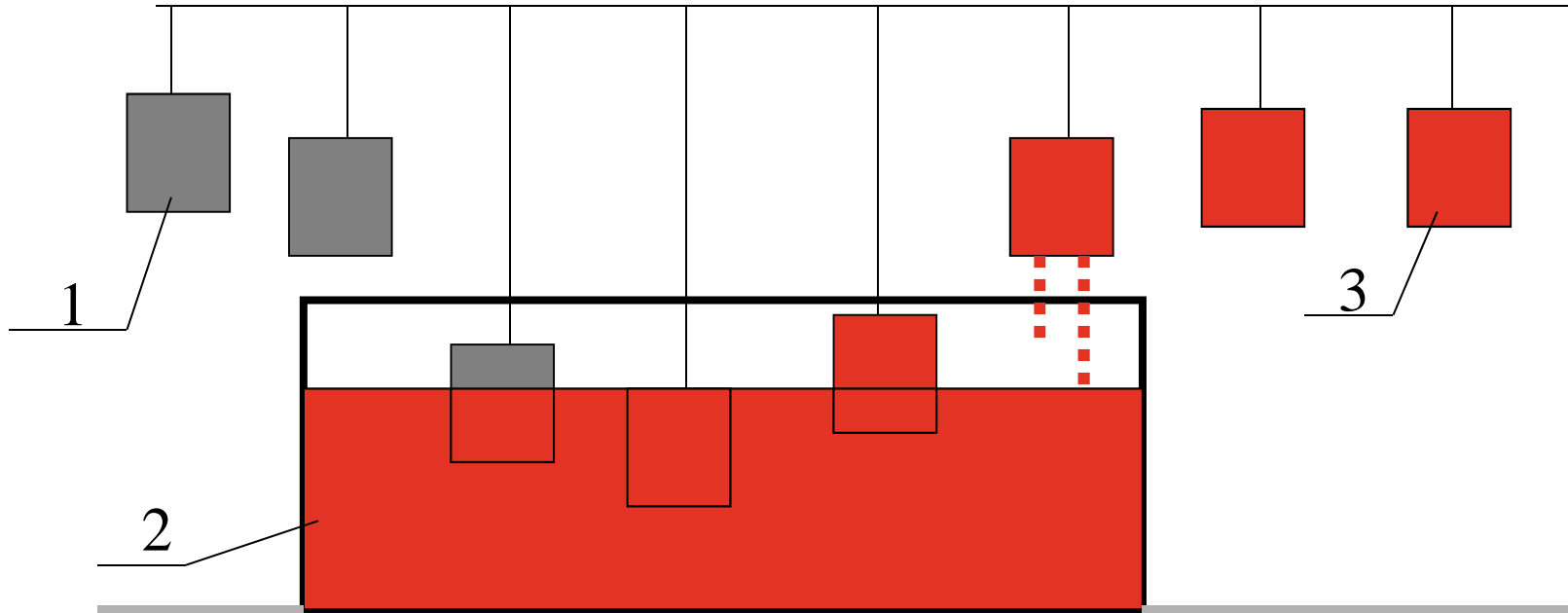
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SEFCO



- 1.
- 2.
- 3.

SEFCO.
190 000



- 1.
- 2.
- 3.

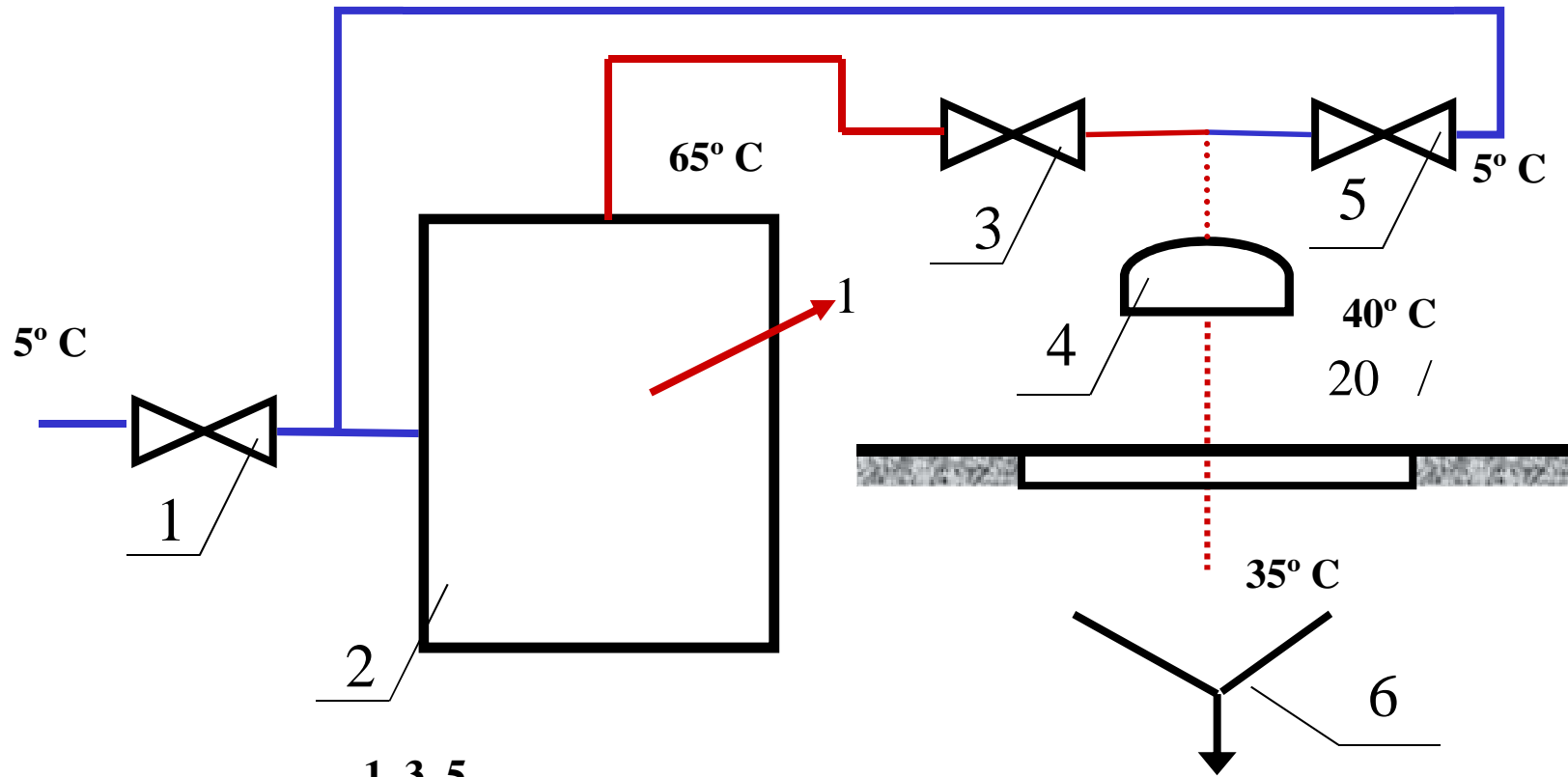
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SEFCO:

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SEFCO



- 1, 3, 5 –
- 2 –
- 4 –
- 6 –

SEFCO

5 x R

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1. **(Reduce)** :
2. **(Recycle)** :
3. **(Reformulate)** :
4. **(Renew)** :
5. **(Reorganize)** :

:

SEFCO 



SEFCO 





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1. 200 ,

12 / .

2. 1 300

0,2 .

3. 30

.
2 000 .

4. 3 500 .

5,40 / 3
0,00 / 3
0,37 / -

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 , 10 :

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 ,
 : $T_m = 40 \text{ }^\circ\text{C}$
 : $W_m = 20 \text{ / } .$

: $T_c = 5^\circ\text{C}$
 : $T_h = 65^\circ\text{C}$

$$W_m \times T_m = W_h \times T_h + W_c \times T_c$$

$$W_m = W_h + W_c$$

$$W_h = W_m \times (T_m - T_c) / (T_h - T_c)$$

$$W_h = 20 \times 35/60 = 11,7 \text{ (/)}$$

4

$$Q_h = 4 \times 11,7 \times 10 \times 365/1000 = 171 \text{ (}^3\text{/)}$$

$$Q_m = 171 \times 20/11,7 = 292 \text{ (}^3\text{/)}$$

):
 $C_e = E \times E_c = k \times Q_h \times (T_h - T_c) \times E_c$
 $C_w = Q_m \times (W_t + W_s)$

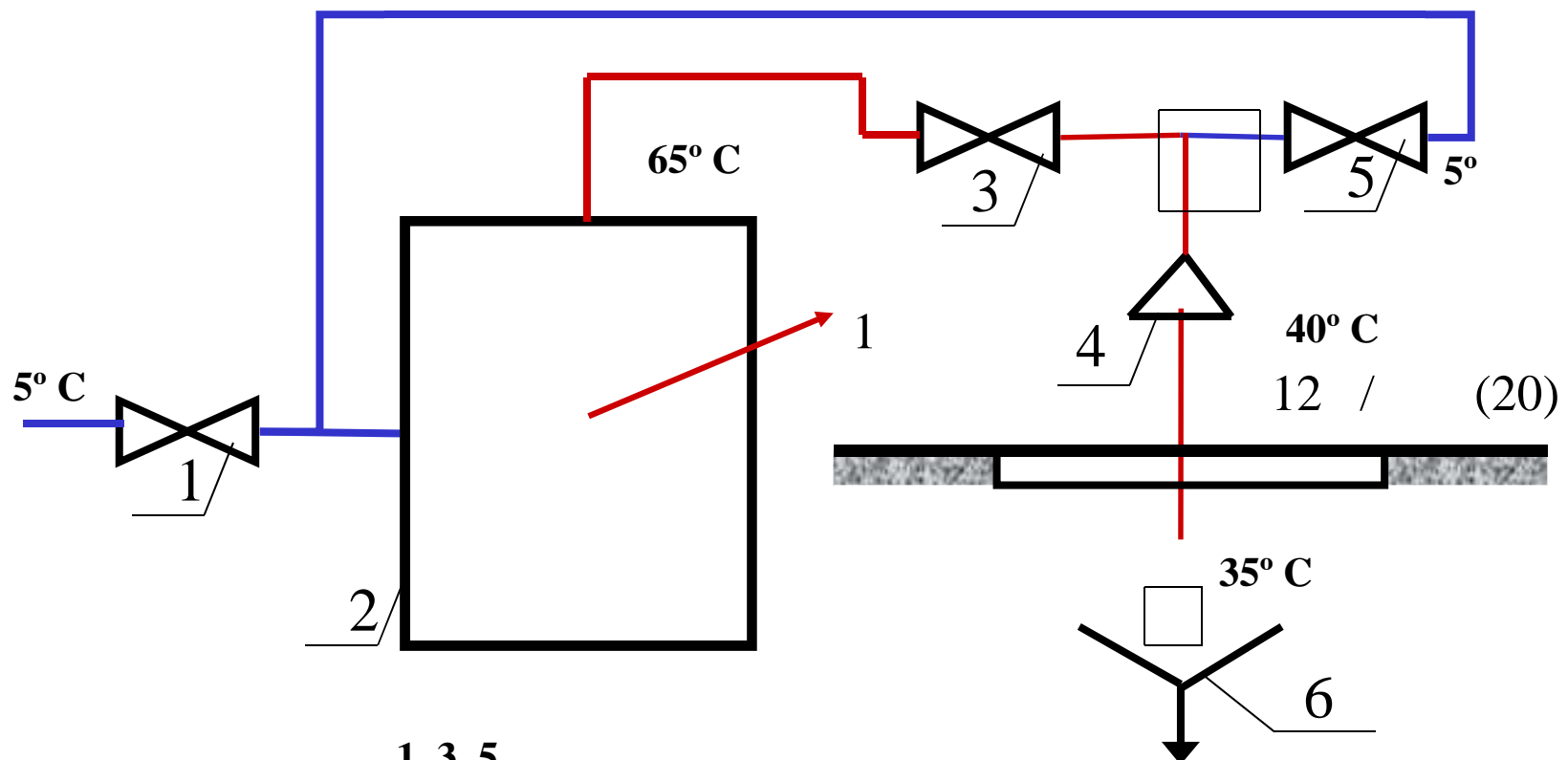
$$: 292 \times 5,4 / 12 = 131$$

$$\cdot : 1,16 \times 171 \times (65-5) \times 0,37 / 12 = \underline{367}$$

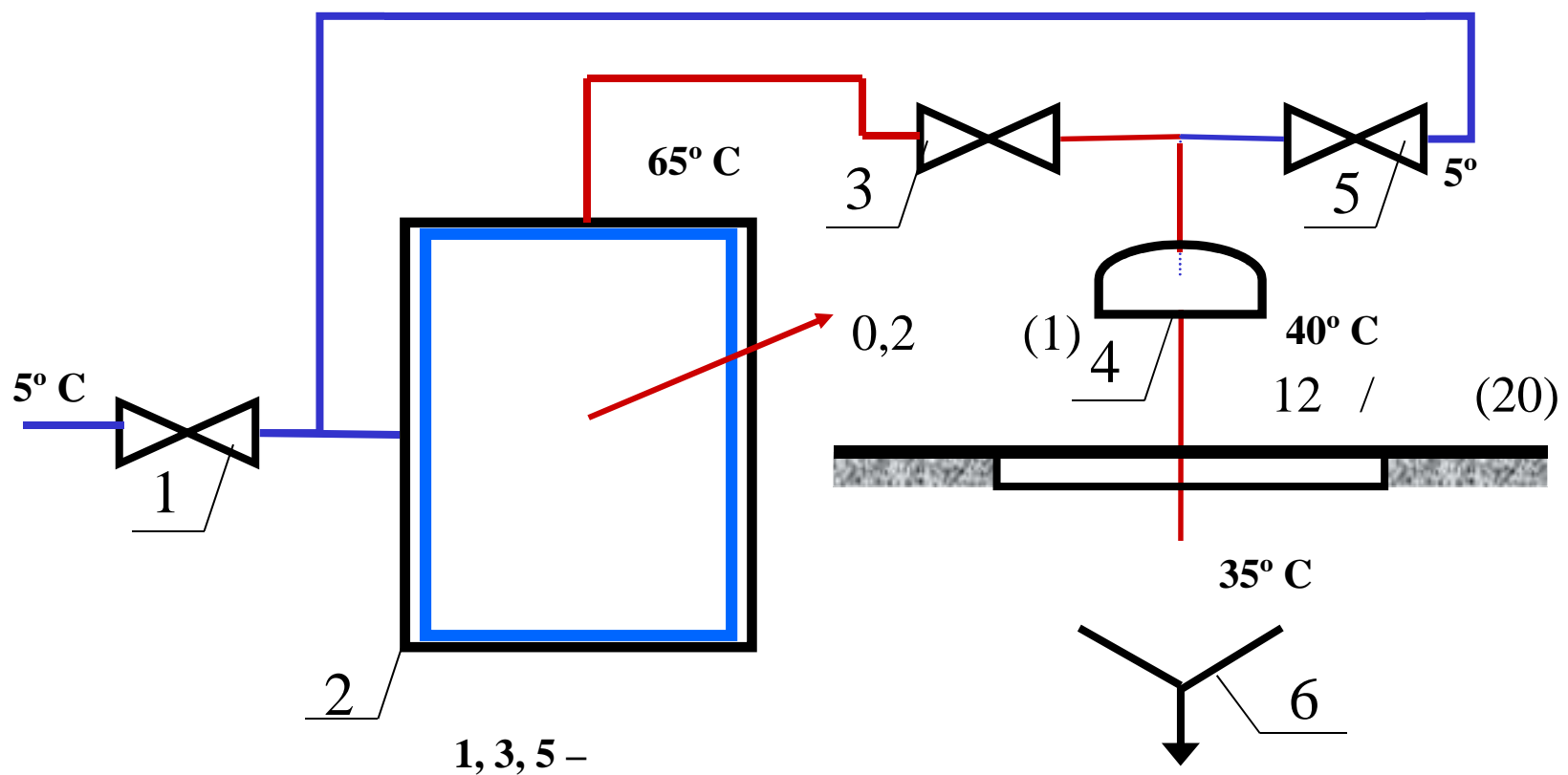
498

$$: 1 \times 24 \times 365 \times 0,37 / 12 = \underline{270}$$

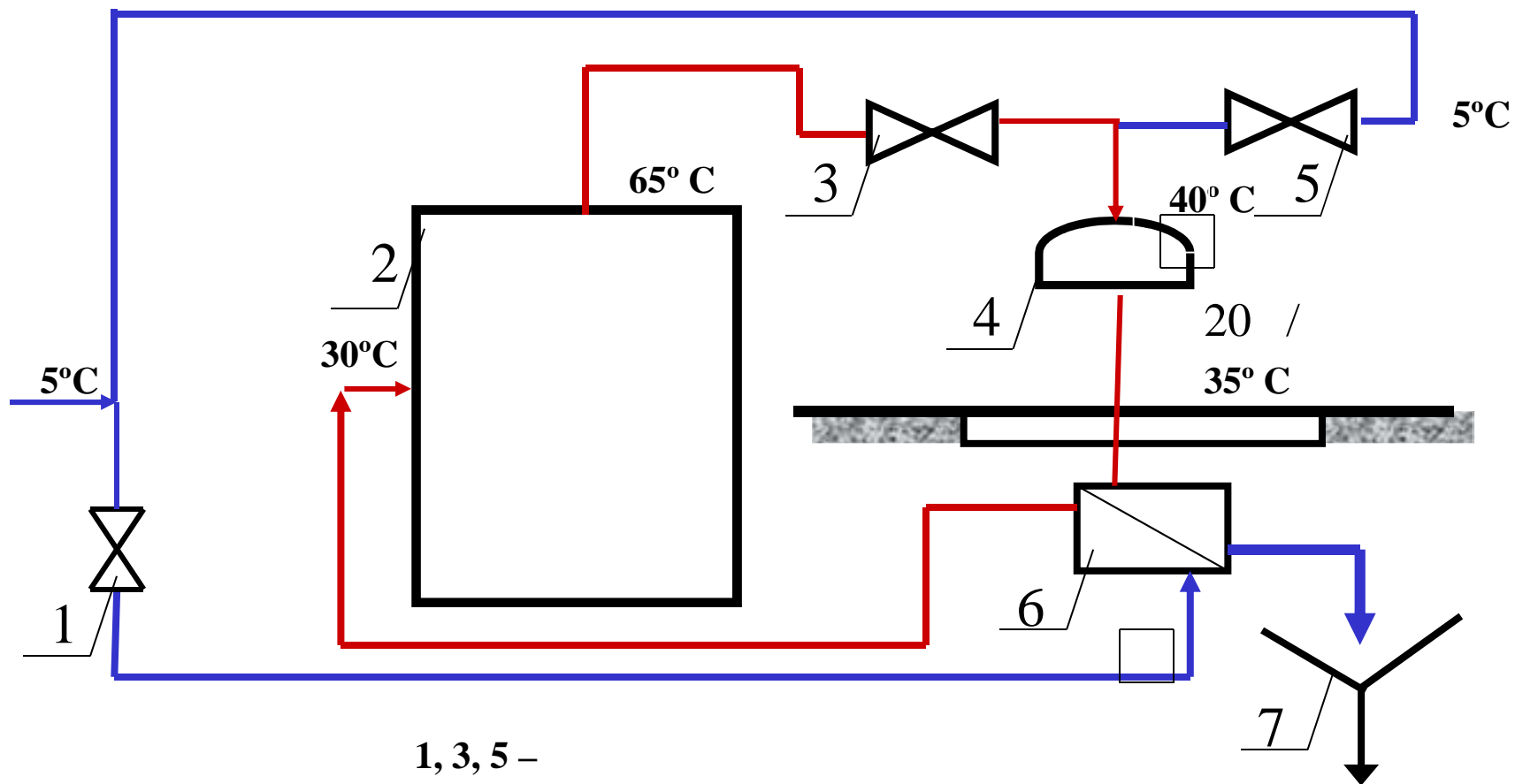
$$: \underline{768}$$



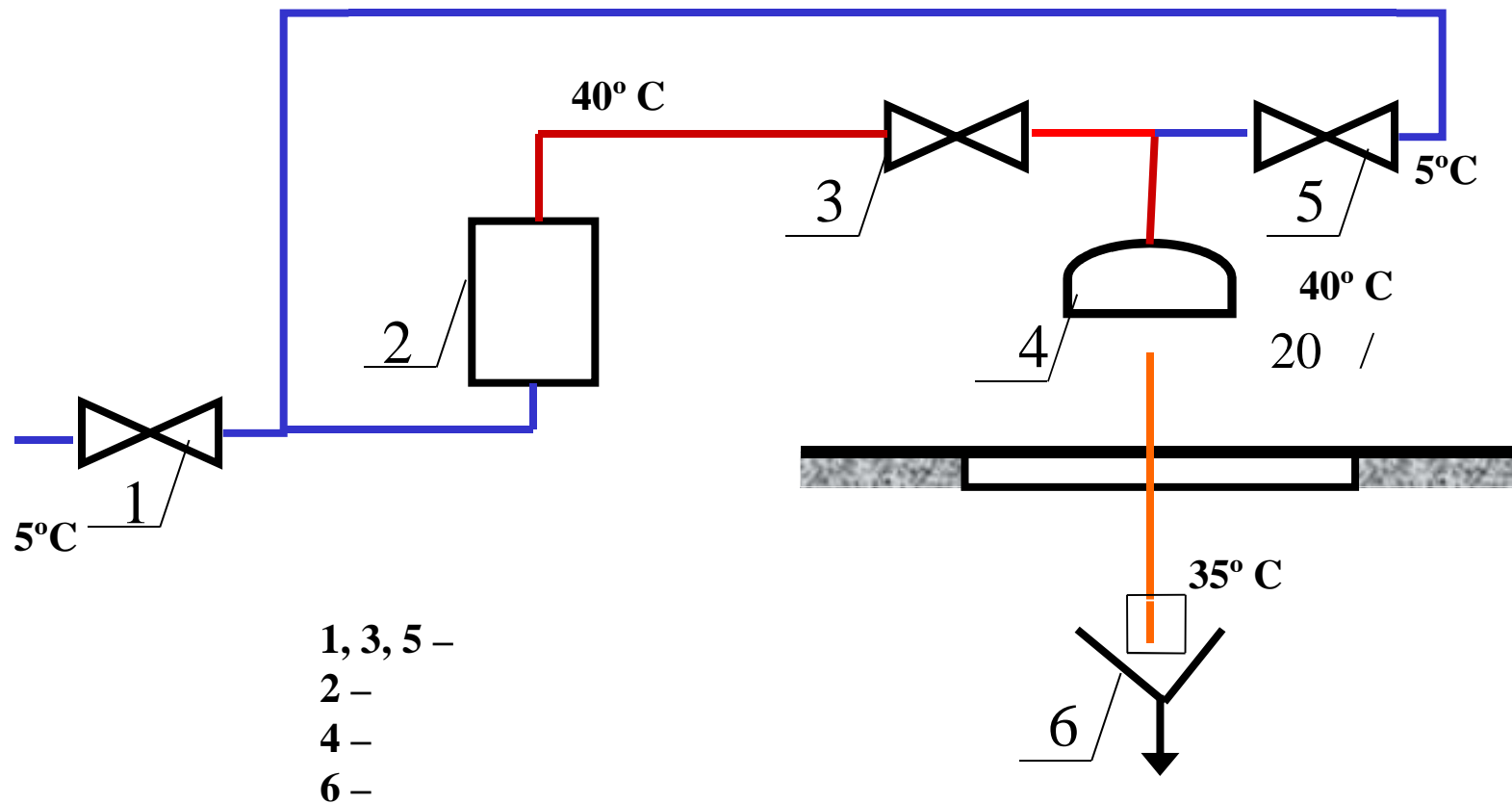
- 1, 3, 5 –
- 2 –
- 4 –
- 6 –



- 1, 3, 5 –
- 2 –
- 4 –
- 6 –



- 1, 3, 5 –
- 2 –
- 4 –
- 6 –
- 7 –



- $8 / \quad , \quad 498 \times 8 / 20 = 199 \quad / \quad ,$
 $(\quad) = 199 / 200 = 1$

- $270 \times 0,8 / 1 = 216 \quad / \quad ,$
 $= 1300 / 216 = 6$

- $25 \quad C, 367 \times 25 / 60 = 152 \quad ,$
 $= 2000 / 152 = 13$

- $270 \quad / \quad ,$
 $= 3500 / 270 = 13$



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A:

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B:

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C:

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