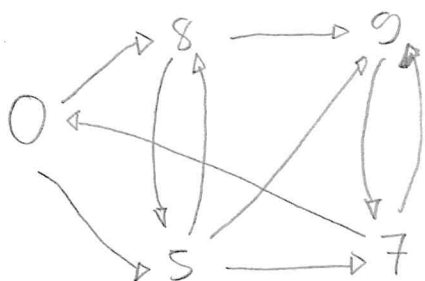
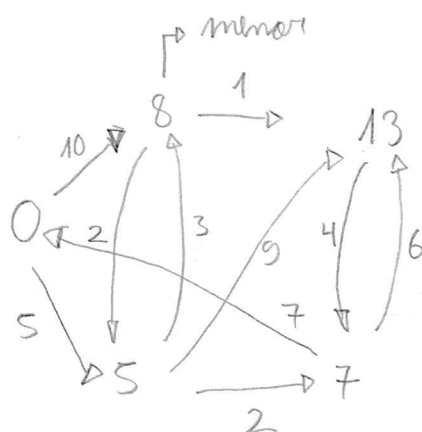
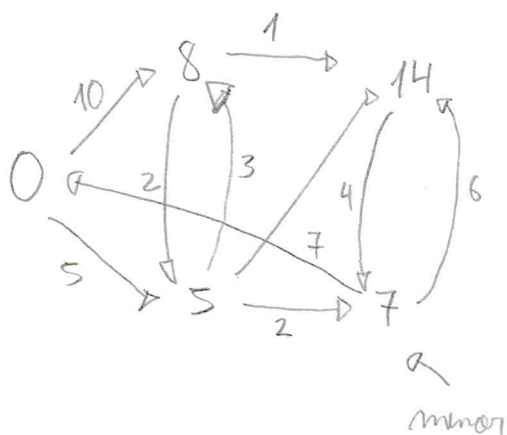
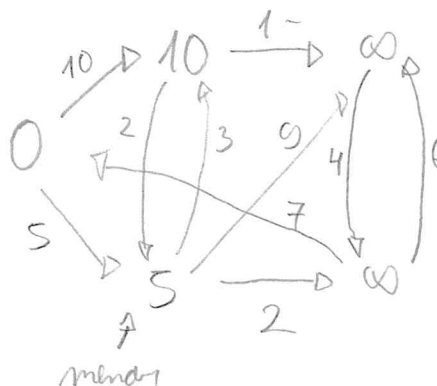
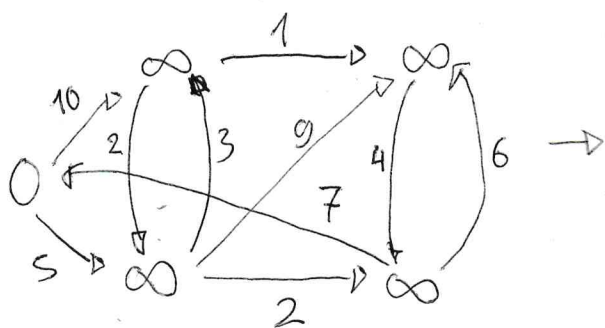


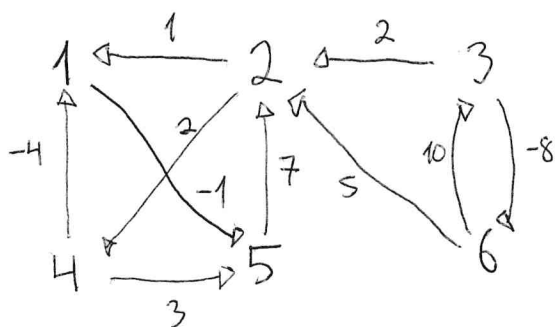
1-



~
são os menores pesos:

$$\neg \rightarrow Y \rightarrow X \rightarrow X$$
$$A \rightarrow Y \rightarrow Z.$$

2-



1	2	3	4	5	6	
∞	∞	∞	∞	∞	0	\rightarrow
					6	

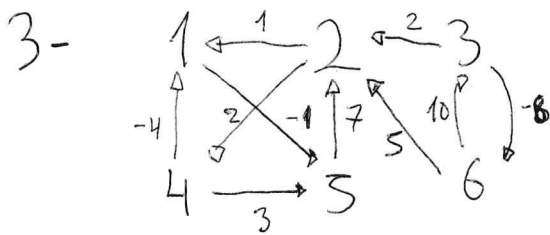
	↓					
1	2	3	4	5	6	
∞	5	10	∞	∞	0	→
	6	6			6	

1	2	3	4	5	6	
6	5	10	7	∞	0	\rightarrow
2	6	6	2		6	

$\begin{matrix} 1 & 2 & 3 & 4 & 5 & 6 \\ 6 & 5 & 10 & 7 & 5 & 0 \\ 2 & 6 & 6 & 2 & 1 & 6 \end{matrix}$, agora se escolhemos 3, $3 \rightarrow 2$ terá

custo 12, se sim, nada muda. Se escolhemos $2 \rightarrow 4 \rightarrow 1$, teremos para 3, se sim,

$\begin{matrix} 1 & 2 & 3 & 4 & 5 & 6 \\ 3 & 5 & 10 & 7 & 5 & 0 \\ 4 & 6 & 6 & 2 & 1 & 6 \end{matrix} \xrightarrow{\text{at. 5}} \begin{matrix} 1 & 2 & 3 & 4 & 5 & 6 \\ 3 & 5 & 10 & 7 & 2 & 0 \\ 4 & 6 & 6 & 2 & 1 & 6 \end{matrix} //$



$\begin{matrix} & 1 & 2 & 3 & 4 & 5 & 6 \\ 1 & 0 & \infty & \infty & \infty & -1 & \infty \\ 2 & 1 & 0 & \infty & 2 & \infty & \infty \\ 3 & \infty & 2 & 0 & \infty & \infty & -8 \\ 4 & -4 & \infty & \infty & 0 & 3 & \infty \\ 5 & \infty & 7 & \infty & \infty & 0 & \infty \\ 6 & \infty & 5 & 10 & \infty & \infty & 0 \end{matrix} \rightarrow$

$\begin{matrix} & 1 & 2 & 3 & 4 & 5 & 6 \\ 1 & 0 & \infty & \infty & \infty & -1 & \infty \\ 2 & 1 & 0 & \infty & 2 & \infty & \infty \\ 3 & 3 & 2 & 0 & 4 & \infty & -8 \\ 4 & -4 & \infty & \infty & 0 & 3 & \infty \\ 5 & \infty & 7 & \infty & \infty & 0 & \infty \\ 6 & 6 & 5 & 10 & \infty & \infty & 0 \end{matrix} \rightarrow \begin{matrix} & 1 & 2 & 3 & 4 & 5 & 6 \\ 1 & 0 & 6 & \infty & 8 & -1 & \infty \\ 2 & 1 & 0 & \infty & 2 & -3 & \infty \\ 3 & 3 & 2 & 0 & 4 & -1 & -8 \\ 4 & -4 & 10 & \infty & 0 & 3 & \infty \\ 5 & 5 & 7 & \infty & 9 & 0 & \infty \\ 6 & 6 & 5 & 10 & 7 & 2 & 0 \end{matrix} //$