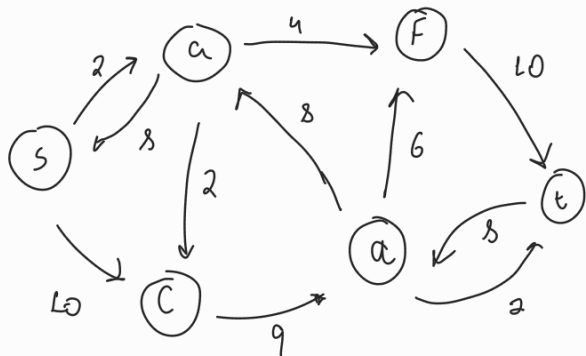
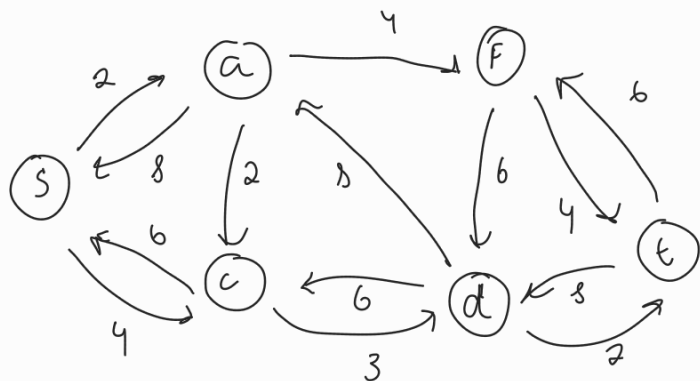


Graph residual

1ª iteração  $s \rightarrow a \rightarrow d \rightarrow t = 8$

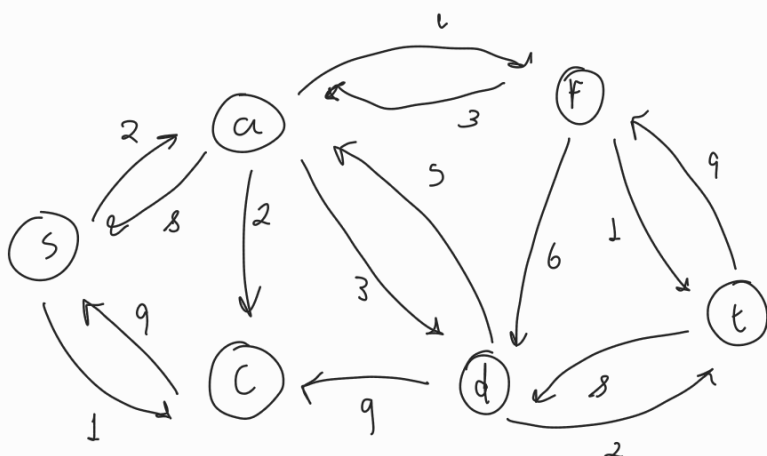


2ª iteração  $s \rightarrow c \rightarrow a \rightarrow f \rightarrow t = 6$



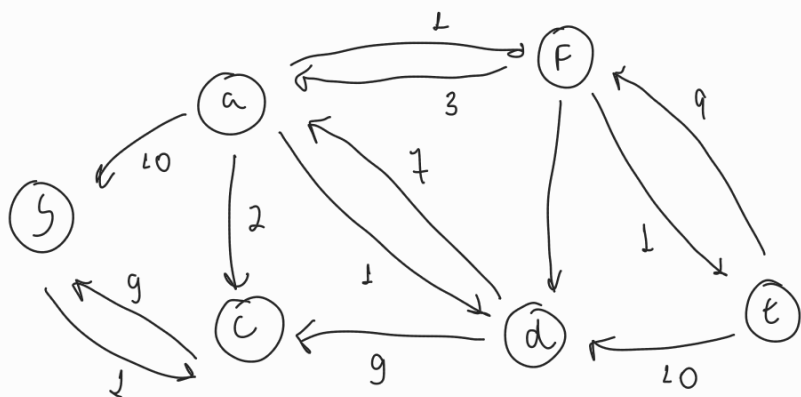
3ª iteração

$s \rightarrow c \rightarrow d \rightarrow a \rightarrow f \rightarrow t = 3$



4ª iteração

$$s \rightarrow a \rightarrow d \rightarrow t = 2$$



soma = 19

Exercício 2

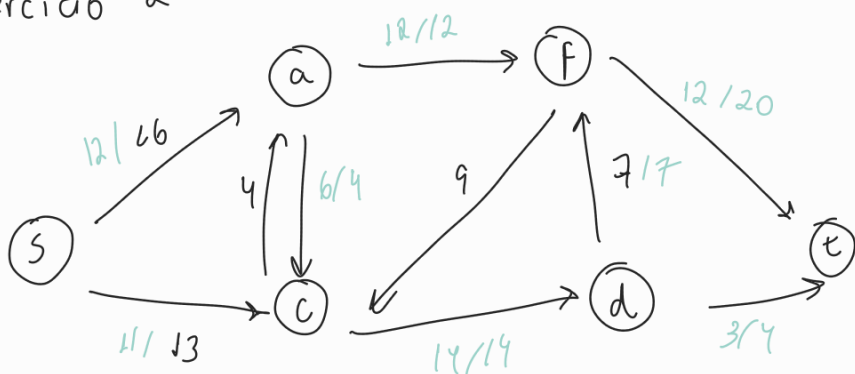
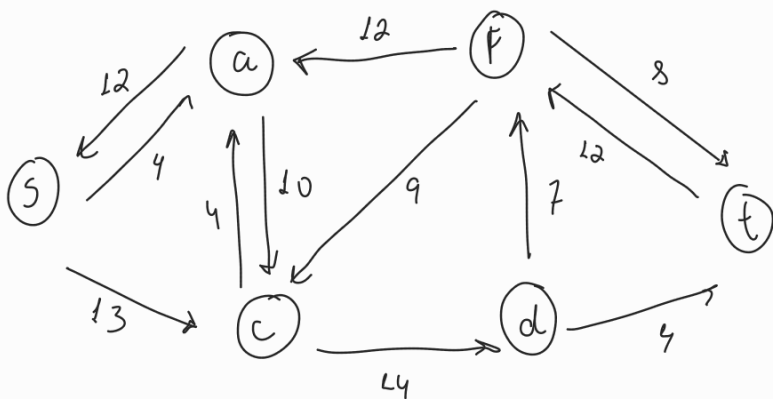
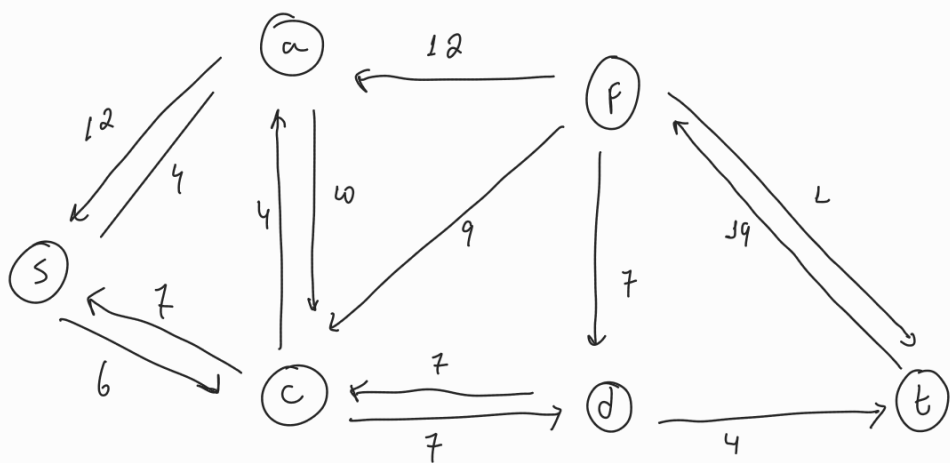


Gráfico residual

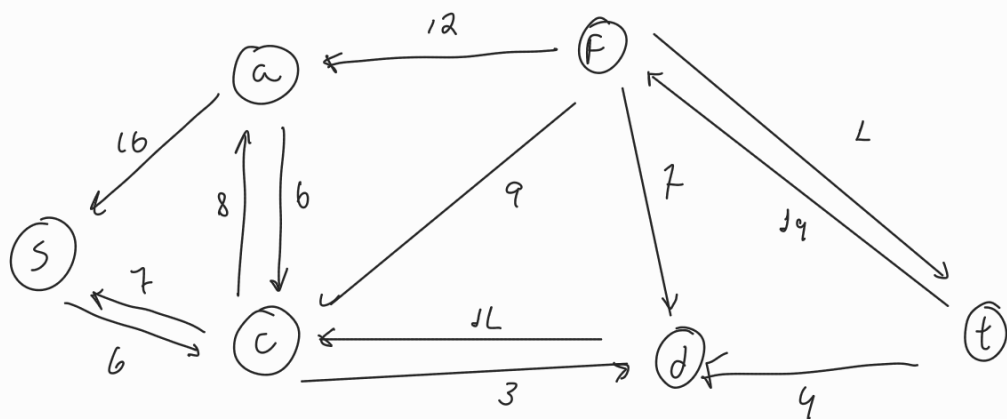
1ª iteração :  $s \rightarrow a \rightarrow f \rightarrow t = 12$



2ª iteração :  $s \rightarrow c \rightarrow d \rightarrow f \rightarrow t = 7$

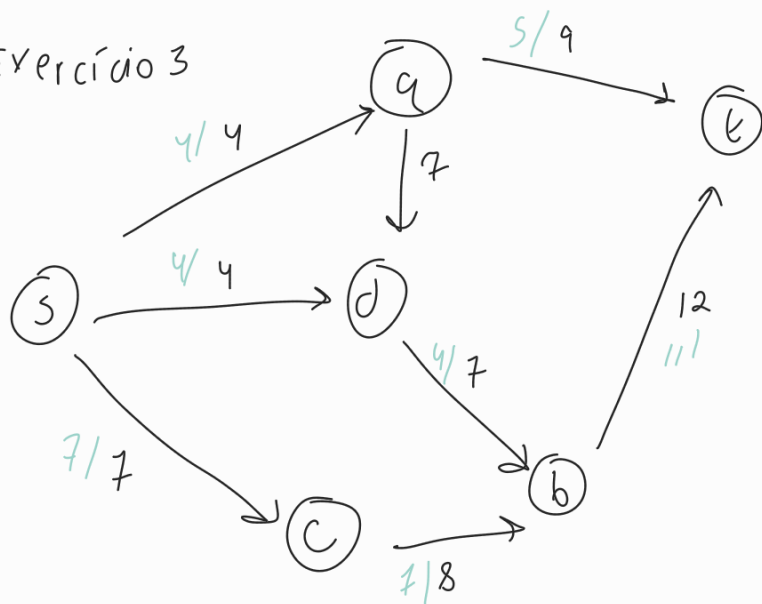


3ª iteração  $s \rightarrow a \rightarrow c \rightarrow d \rightarrow t = 4$

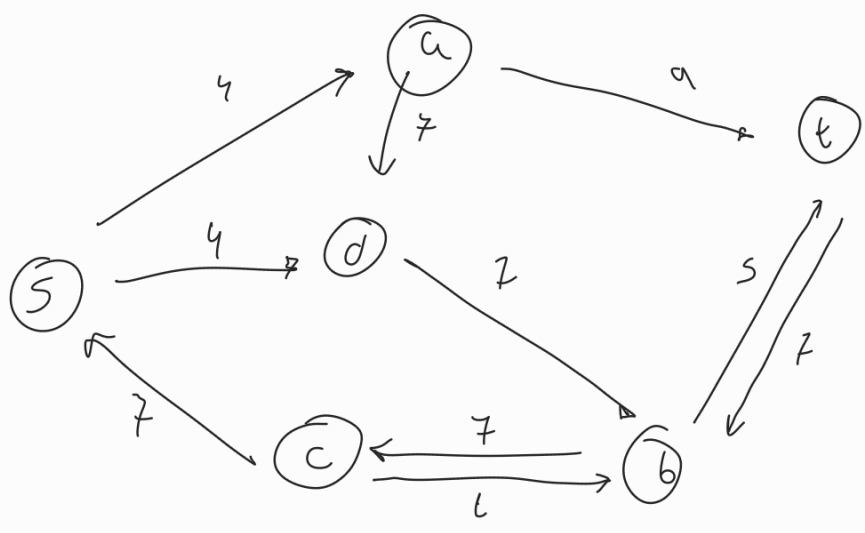


Soma = 23

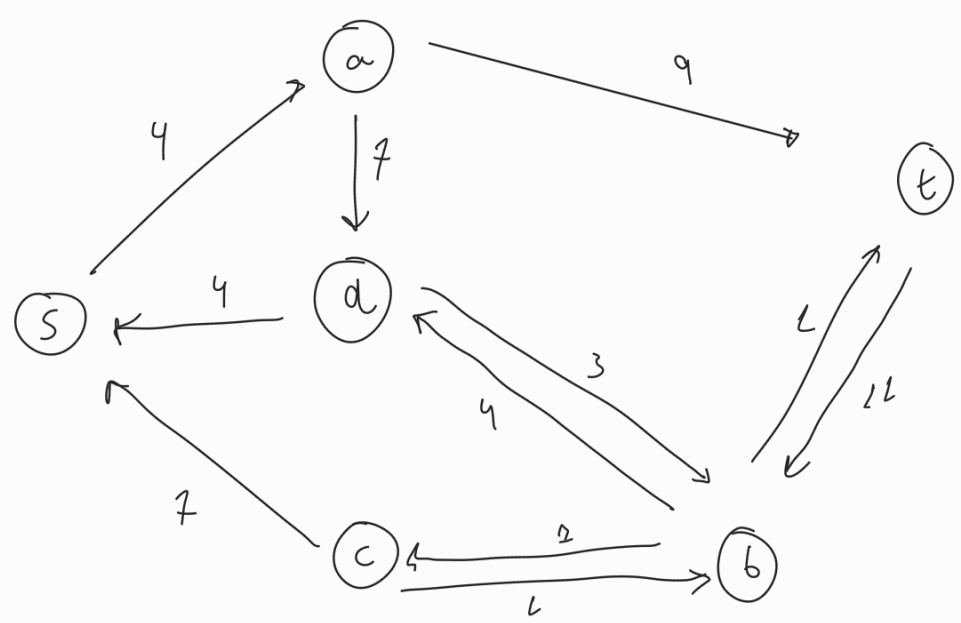
Exercício 3



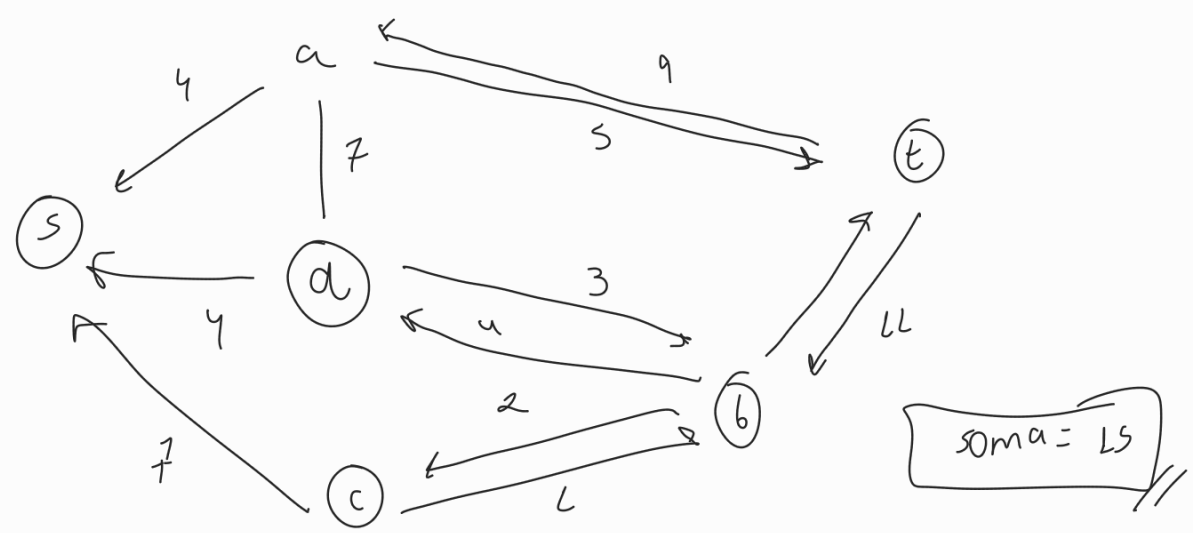
1ª iteração:  $s \rightarrow c \rightarrow b \rightarrow t = 7$



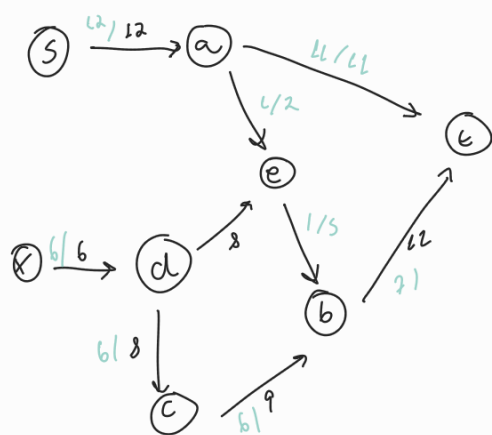
2ª iteração:  $s \rightarrow d \rightarrow b \rightarrow t = 4$



3ª iteração:  $s \rightarrow a \rightarrow t = 4$

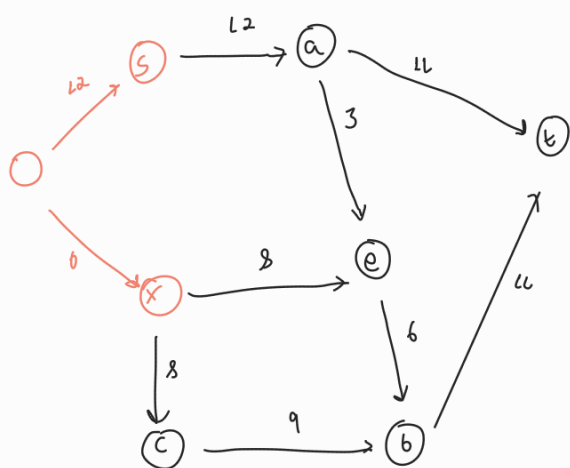


# Exercício 4

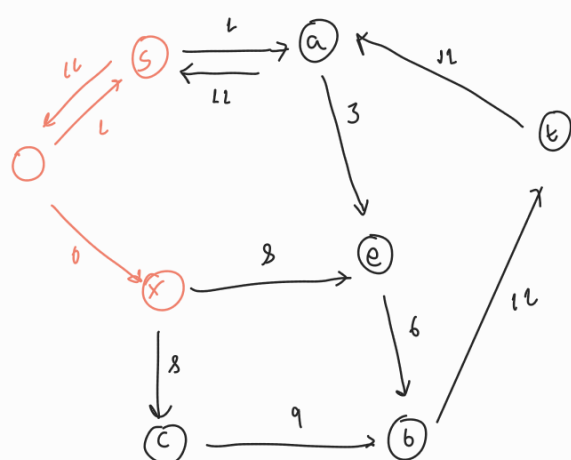


Graph residual

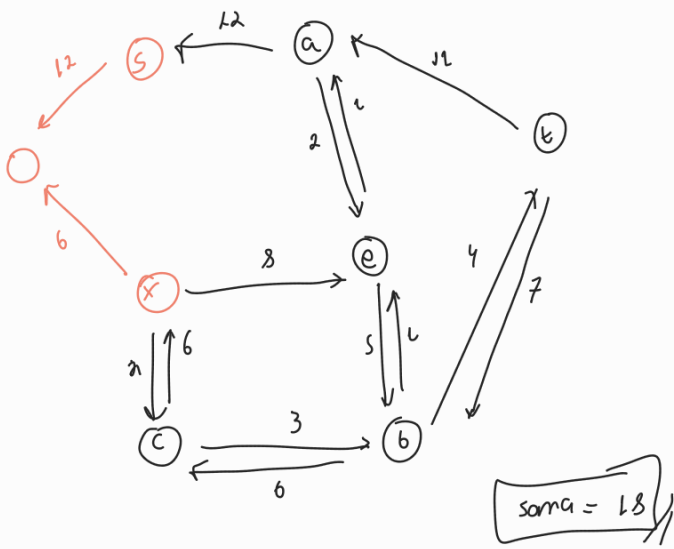
1ª iteração:  $\emptyset \rightarrow s \rightarrow a \rightarrow t = 1$



2ª iteração:  $\emptyset \rightarrow x \rightarrow c \rightarrow b \rightarrow t = 6$



3ª iteração:  $\emptyset \rightarrow s \rightarrow a \rightarrow e \rightarrow b \rightarrow t$



Exercício 5