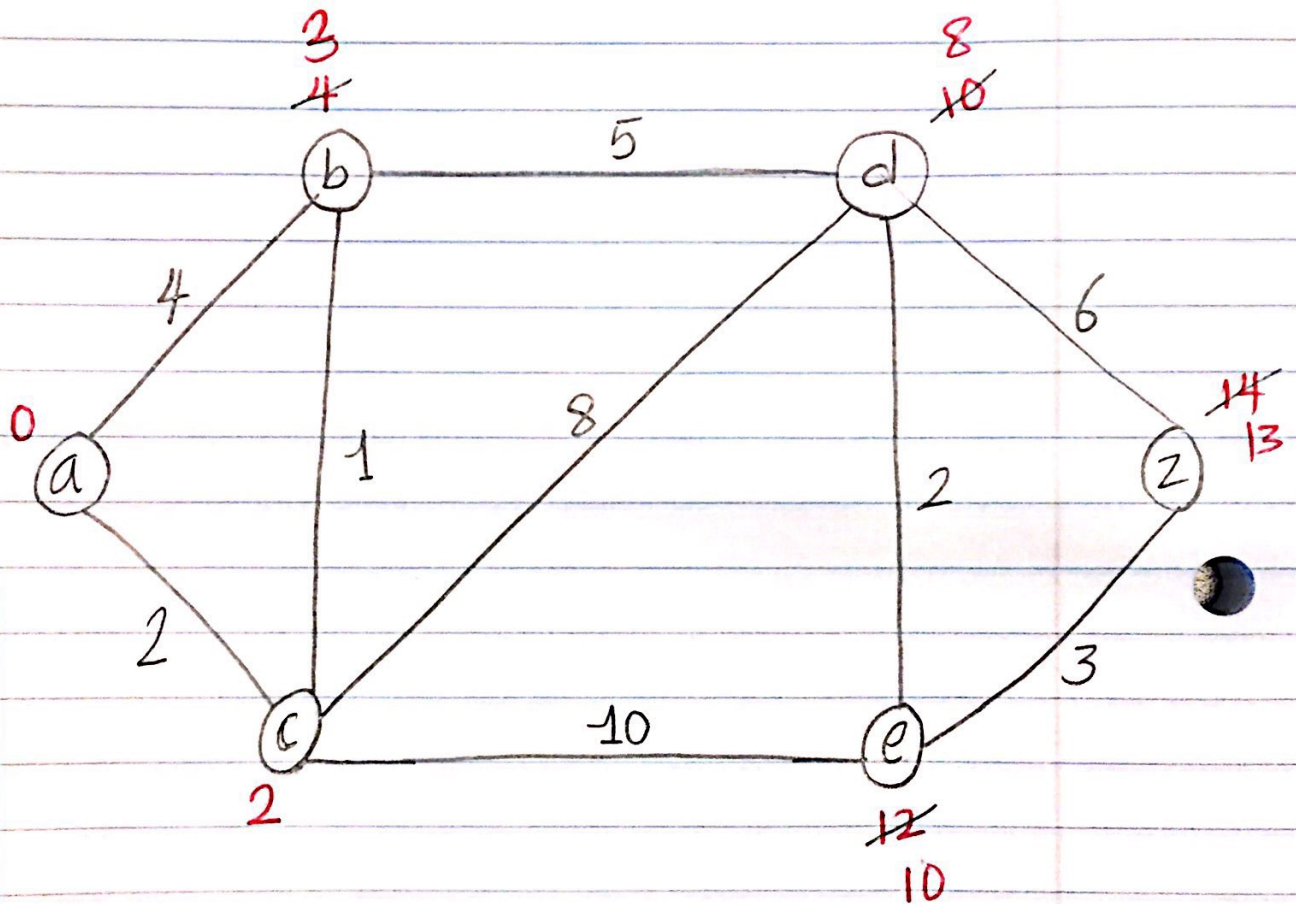


Question #3:



Shortest path:

$z \rightarrow e \rightarrow d \rightarrow b \rightarrow c \rightarrow a$

Shortest path cost:

13