Minimize Distance for the Travelers

Solution: https://en.wikipedia.org/wiki/Bridge_and_torch_problem

Cross 1		
	Who Crosses	**Minutes**
Orig-> Dest	A,B	2
Dest->Orig	A	1

Cross 2		
	Who Crosses	**Minutes**
Orig-> Dest	C,D	10
Dest->Orig	B	2
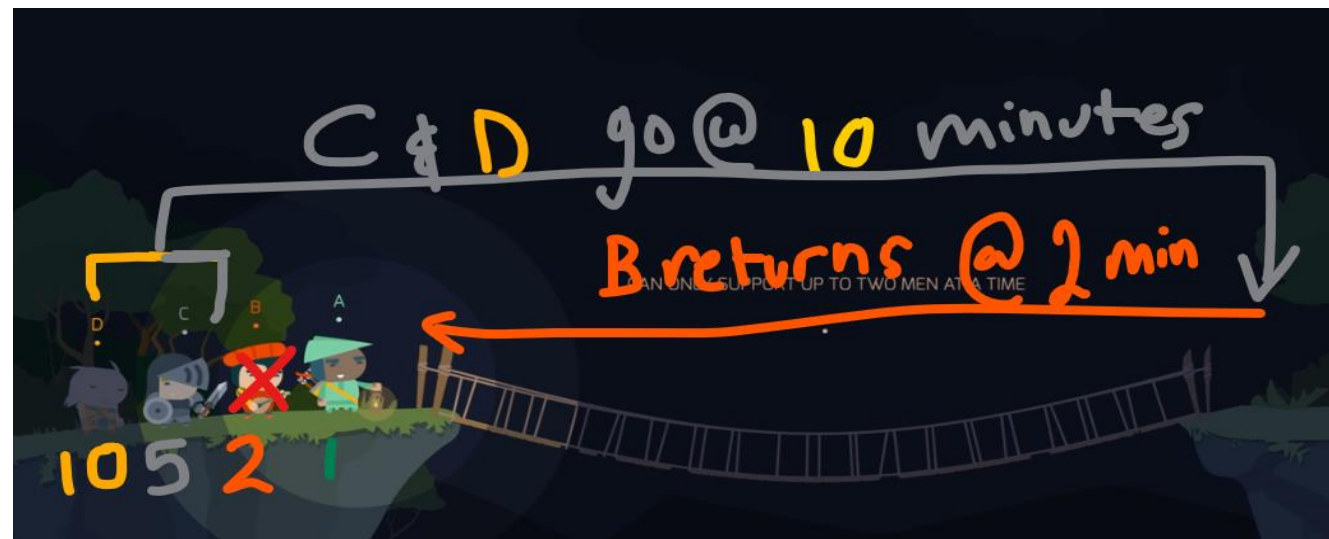
Cross 3		
	Who Crosses	Minutes
Orig-> Dest	B, A	2

Total Time (Minutes) | 17