

*Comments/solutions on the Blackboard discussion board please!*

Indiana Jones and his three companions need to cross a flimsy rope bridge across a gorge. The bridge is so flimsy that it can support at most two people at a time, and it is so dark that it is impossible to cross the bridge without a torch. The party has only one torch, which means that if two people are on the bridge at a time they must stay together, as the beam from the torch is quite faint. Indiana Jones can cross the bridge in 5 minutes, his accomplice needs 10 minutes, his father needs 20 minutes and his father's sidekick needs 25 minutes. The group has one hour to cross the bridge and escape from the bad guys. Can they do it?