

Courage, fuyons !

It is a dark and moonless night. Juliet, Rob, Tony and Sophie are being chased by dangerous bandits. In order to escape they have to cross a precipice on a footbridge which is in a very bad state. It can hold the weight of two persons only.

A light is absolutely needed to cross. The four friends have only got one lantern which will go out in half an hour.

Juliet is quick; she can cross the footbridge in one minute.

Rob needs two minutes to do that.

Tony is slow: ten minutes will be necessary.

Sophie is even slower: she will need twenty minutes.

If two friends cross together, they will move according to the rhythm of the slowest.

The four of them managed to cross in less than thirty minutes.

Explain their strategy.

