

NOM, Prénom :

Secret Santa

Euro 1^{re}

From 00:00 to 00:42

Explain what is Secret Santa.

[illegible]

From 01:22 to 01:36

What are the two fundamental things for a perfect Secret Santa ?

[illegible]

From 01:44 to 02:03

How does Hannah describe the "hat method" ?

[illegible]

From 02:03 to 02:46

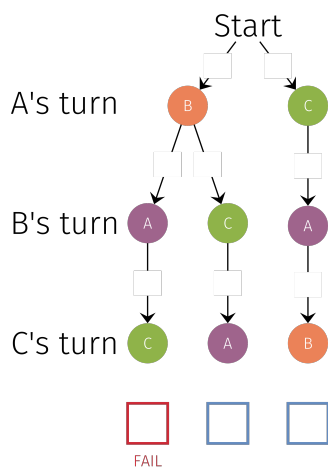
What is the obvious problem with this method and what does the group have to do in this case ?

[illegible]

Why is there also an anonymity violation if the person before the last one pulls his or her name ?

[illegible]

From 02:46 to 10:59



Despite of anonymity issues, let's see how Secret Santa works with 3 persons.

Complete this probability tree.

When the method works, can we say is it completely random ?
Justify your answer.

[illegible]

From 11:00 till the end

Explain what's the right way to organize a Secret Santa.

[illegible]

Bonus

What's a derangement ?

[illegible]

Complete the following tree for a "hat method" with 4 person.

