**Please do not write on the subject, and do not forget to hand it back at the end.**

## PROBABILITIES

In the wine area of a supermarket, there are 2400 bottles of wine. There are red wines and white wines. The wines are coming from three different regions of Spain: La Rioja, Ribera del Duero and Catalonia.

Half the bottles come from La Rioja and there are twice as many bottles from Ribera del Duero as from Catalonia.

75% of the bottles are red wines and amongst them 54% come from La Rioja.

Amongst the Catalan wines, there are as many red wine bottles as white ones.

1. Draw a table and fill it in with the information given in the problem.
2. You take a bottle at random.
   i) Calculate the probability that it is a bottle of white wine and from La Rioja.
   ii) Calculate the probability that it is either a bottle of white wine or that it comes from La Rioja.
3. You take a bottle of white wine. Calculate the probability that it comes from La Rioja.