

Choosing a Pub

Three students, Bill, Alice and Jane decide to go to the pub for a drink. There are four pubs to choose from; The Crown, The Bear, The Cross Keys, and The Eight Bells. Each student has put the pubs in order of preference:

Bill: The Cross Keys, The Bear, The Crown, The Eight Bells

Alice: The Bear, The Crown, The Eight Bells, The Cross Keys

Jane: The Crown, The Eight Bells, The Cross Keys, The Bear

Jane says: Let's go to The Crown, it's my favourite pub.

However two students prefer The Bear to The Crown so they decide to go to The Bear.

However two students prefer The Cross Keys to The Bear so they decide to go to The Cross Keys.

However two students prefer The Eight Bells to The Cross Keys so they decide to go to The Eight Bells.

So off they go to The Eight Bells.

After a few pints, Bill says: I prefer The Crown to The Eight Bells and the other two both agree.