

### Probability scale - answers

The table below has a list of events. Below the table is a probability line. Decide where you think the events should go on the probability line.

	Event	Reason
A	All rivers will dry up next week.	This is very unlikely to happen so it should be close to 0.
B	The sun will shine tomorrow.	Your answer to this will depend on a number of things, eg today's weather, the season and whether you have seen tomorrow's forecast.
C	You will buy some food today.	Only you know the answer to this! However, if you are definitely going to buy some food then you should have chosen 1 as your answer.
D	You will eat some food today.	This will almost certainly be a 1, although you could be ill or fasting then you would have 0.
E	You will buy some new shoes soon.	If it is likely you will buy shoes your answer should be 1. If it is unlikely, then it should be between 0 and 1/2.
F	Roll a dice and get a 6.	The probability of this is 1/6. If you have put your answer fairly close to zero, about a 1/6 along the line then you are right.
G	Roll a dice and get a 2.	This has the same answer as for F.
H	Roll a dice and get an odd number.	The probability of this is 1/2, so your answer should be at 1/2.

The events can be shown on the probability scale with the least likely being put nearest the 0 and the most likely nearest the 1.

Here are A, F, G and H. Only you know where to put the other letters!

