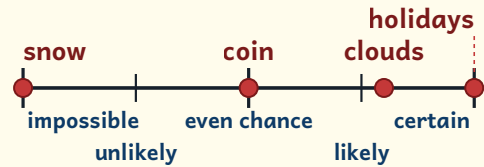


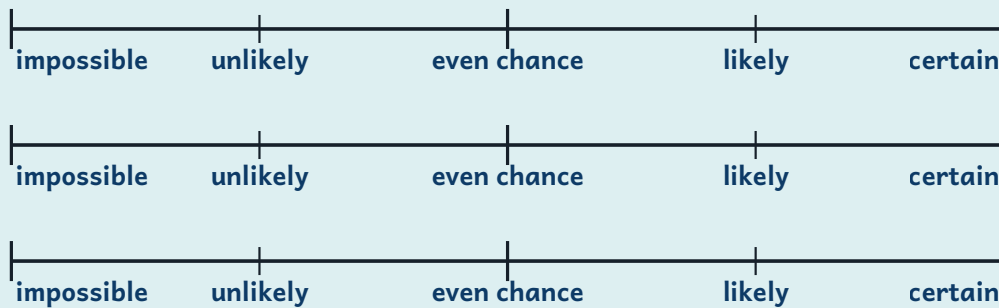
ORDERING EVENTS ON A LIKELIHOOD LINE

- The line runs from **impossible** to **certain**, with **even chance** in the middle.
- Snow in July** almost never happens, so it goes at the impossible end.
- A tossed **coin** landing heads happens about half the time, so it goes on **even chance**.
- Clouds this week** are **likely** but not sure, so they go between even chance and certain; **summer holidays** are **certain**.



WARM-UP

Mark each event on the likelihood line with an X and write the event underneath it.



- Mark 'the sun will rise tomorrow' on the line.
- Mark 'a cow will fly over the school' on the line.
- Mark 'a rolled die lands on an even number' on the line.

PRACTICE

- For the class weather diary, decide where 'the school bell will ring today' belongs on the likelihood line.

ALWAYS, SOMETIMES, NEVER

Always true, sometimes true, or never true? Write A, S or N.

- | | |
|--|--|
| a. The sun will rise tomorrow. ☐ | c. Picking a red cube from a bag of 3 red and 1 blue is certain. ☐ |
| b. An event placed at the certain end of a likelihood line must happen. ☐ | d. Landing on a colour is certain when every part of a spinner is coloured. ☐ |

IRISH FACT Will it rain in Galway?

Western counties like Galway record rain on roughly **225 days** a year — so 'it will rain in Galway this week' sits much nearer **certain** than **impossible** on a likelihood line.

Met Éireann climate normals (1991–2020)



REFLECT Which events were hardest to place on the line, and why were they close together?