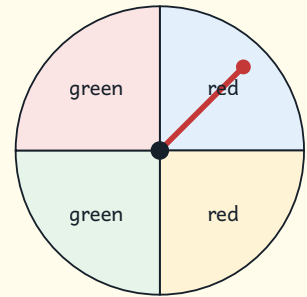


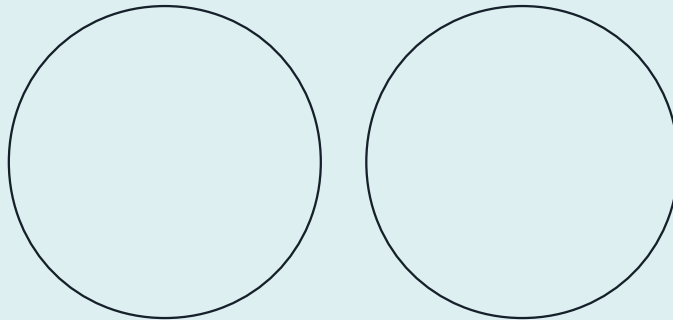
CERTAIN AND IMPOSSIBLE

- 1 The spinner has **4** equal sections: **2** red and **2** green.
- 2 There is no blue section at all, so landing on blue is **impossible**.
- 3 Every section is a colour, so the arrow is **certain** to land on a colour.



 WARM-UP

Slice each circle into 8 equal parts and shade it to match the likelihood word.



1. Shade all 8 parts one colour so landing on a colour is certain.
2. Shade 8 parts green so landing on green is certain.
3. Leave the 4 red and 4 green parts with no blue, so landing on blue is impossible.

 PRACTICE

- 1** At games club Mia spins a spinner with **4** coloured parts and wants to know if she is sure to hit a colour.

ALWAYS, SOMETIMES, NEVER

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

- a. The sun rising tomorrow morning is a certain event. ☐
- b. Rolling a number from 1 to 6 on an ordinary six-sided die is certain. ☐
- c. A tossed coin landing on heads is a certain event. ☐
- d. Spinning a spinner with 2 red and 2 green parts and landing on a colour is certain. ☐