# Possible outcomes

6 practice questions

**1.** List the possible outcomes when an ordinary coin lands on one of its flat faces.

These are its two flat-face labels.

**Answer:** Heads or tails.

**2.** List the possible numbers on an ordinary six-sided die.

List every face once.

**Answer:** 1, 2, 3, 4, 5 and 6.

**3.** A box has cards labelled A, A, B and C. List the possible letters when one is chosen.

A is listed once because we record letters, not individual cards.

**Answer:** A, B and C.

**4.** A die roll gives 2. Is 5 still possible on the next roll? Explain.

An earlier result does not change its faces.

**Answer:** Yes. The die still has a face labelled 5.

**5.** A bag holds 3 yellow counters and 1 purple counter. List the possible colours.

Only those two colours are present.

**Answer:** Yellow and purple.

**6.** A spinner has sections labelled 1, 2, 3 and 4. Sam lists 1, 2 and 4 as possible results. What is missing?

Every labelled section must be included.

**Answer:** 3.