Listing outcomes

6 questions | 7 marks

Equivalent correct methods earn the corresponding marks.

1. List the outcomes of one coin toss when you record its upper face. [1 mark]

These are the coin's two face labels.

Answer: Heads, tails.

2. A spinner has sectors labelled A, B, A, C. List its possible letter outcomes. [1 mark]

Each possible letter is listed once.

Answer: A, B, C.

3. Cards are numbered 2, 4, 6, 8. List the possible numbers when one card is selected. [1 mark]

These are the four card labels.

Answer: 2, 4, 6, 8.

4. Could orange be selected from the supplied bag? Explain. [1 mark]

Six same-sized counters in a bag; choose without looking

Colour	Number of counters
Red	3
Blue	2
Green	1

Only red, blue and green counters are present.

Answer: No.

5. There are five black counters and one white counter. How many different colour outcomes are possible? [1 mark]

Count distinct colour names, not individual counters.

Answer: Two: black and white.

6. A pupil lists 1, 2, 3, 4, 5, 6, 7 as the possible top numbers of a normal die. Correct the list. [2 marks]

7 is impossible because the die has no face labelled 7.

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