1 When a spinner is spun, it shows
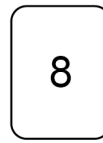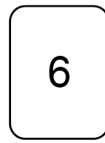
Blue (B) or Green (G) or Red (R) or White (W).

When a coin is tossed, it shows

Heads (H) or Tails (T).

The spinner is spun and the coin is tossed.

Complete this list of possible outcomes.

[2 marks]

B H   B T

G H   G T   (2)

R H   R T

W H   W T

2   Here are four number cards.

| 2 | 5 | 6 | 8 |

Two of the cards are chosen at random.

2 (a)   List all the possible pairs of cards.

Two have been done for you.

[2 marks]

First card	Second card
2	5
5	2
2	6
2	8
5	6
5	8
6	2
6	5
6	8
8	2
8	5
8	6

3   After school, Priya will

- go running (R)

- do her homework (H)

- play a video game (V).

Complete the list of the 6 possible orders in which she could do them.

[2 marks]

RHV
R V H
H R V
H V R
V H R
V R H

②

4   A game has four cards labelled A, B, C and D.

Ellie picks two of the cards at random.

Complete the list of the **six** possible pairs of cards she could pick.

[2 marks]

AB
A C
A D
B C
B D
C D

②

5 (a) At a restaurant, vegan pizzas have two **different** toppings.

The toppings are

sweetcorn (S)   mushrooms (M)   peppers (P)

Complete the table to list all the possible pairs of toppings.

[1 mark]

SM
SP
MP