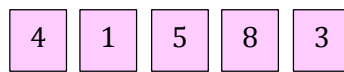# Listing outcomes

1. A coin is flipped twice. List all the outcomes.
2. A football team plays 3 matches. They can win, draw or loose.
   List all the outcomes.
3. A coin is flipped and a dice is rolled. List all the outcomes.
4. Sarah has an orange sweet, a yellow sweet and a red sweet. She eats all 3 sweets. List all the ways she could eat her three sweets.
5. Jacob has chicken, ham, tuna and cheese. He picks two items to put in his sandwich. List all possible outcomes.

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1. Here are 5 cards with different digits on them.

   | 4 | 1 | 5 | 8 | 3 |

   Write down all the 3 digit combinations you could have.
2. Here are 5 cards with different digits on them.

   | 6 | 1 | 7 | 4 | 9 |

   Write down all the 3 digit odd combinations you could have.

Sabrina visits a restaurant and is going to get the 3 course lunch deal.
She chooses one starter, one main and one dessert.
List all possible outcomes.

Starter	Main	Dessert
Soup	Pizza	Cake
Potato skins	Pasta	Ice-cream
Prawns	Burger	Coffee
	Fish	

Joe has 2 box with counters in. Each counter has a number on it.
He takes a counter out of box A and a counter out of box B and multiplies the numbers together.
What is the probability that he will get an answer that is odd?

Box A: 3, 4, 5, 8

Box B: 2, 7, 6