

Emily and Bailey are planning to have two children.

- a Use a table to list the number of elements in the sample space.
Consider the sex of each child as an event.
- b What is the total number of outcomes?

	Boy	Girl
Boy		
Girl		

Two fair dice are thrown and their sum recorded.

- a Use a table to list the all the possible outcomes.

+	1	2	3	4	5	6
1						
2						
3						
4						
5						
6						



- b How many elements are in the sample space?

A menu has three entrees (E1, E2 and E3) and four mains (M1, M2, M3 and M4).

- a Use a table to list the all the possible outcomes.

	M1	M2	M3	M4
E1				
E2				
E3				

- b Verify the total number of outcomes by using the fundamental counting principle.