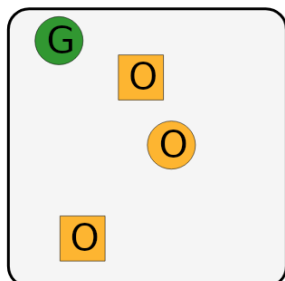




Represent sample spaces using tables

1 List all the possible outcomes.



A green circle, orange circle, orange square, yellow square

B green circle, orange circle, orange square

C green circle, orange circle

D green circle, orange circle, orange square, red square, blue square

2 How many possible outcomes are in the sample space?

Three fair coins are flipped.

A	6	B	10
C	7	D	8

3 List all the possible outcomes in the sample space.

Two fair six-sided dice are rolled.

A

(1,1)	(1,2)	(1,3)	(1,4)	(1,5)
(1,6)	(2,1)	(2,2)	(2,3)	(2,4)
(2,5)	(2,6)	(3,1)	(3,2)	(3,3)
(3,4)	(3,5)	(3,6)	(4,1)	(4,2)
(4,3)	(4,4)	(4,5)	(4,6)	(5,1)
(5,2)	(5,3)	(5,4)	(5,5)	(5,6)
(6,1)	(6,2)	(6,3)	(6,4)	(6,5)
(6,6)				

B

(1,1)	(1,2)	(1,3)	(1,4)	(1,5)
(1,6)				

4 List all the possible outcomes in the sample space.

Three fair coins are flipped.

A	HHH	HHT	HTH	HTT	THH
	THT	TTH	TTT		
B	HHT	HHT	HTT	HTT	THT
	THT	TTT	TTT		

**Represent sample spaces using tables**

- 5 List all the possible outcomes in the sample space.

A fair coin is flipped and a fair six-sided die is rolled.

A

(H, 1) (H, 2) (H, 3) (H, 4) (H, 5)
(H, 6)

B

(H, 1) (H, 2) (H, 3) (H, 4) (H, 5)
(H, 6) (T, 1) (T, 2) (T, 3) (T, 4)
(T, 5) (T, 6)

- 6 List all the possible outcomes in the sample space.

A fair six-sided die is rolled and a spinner with red, green, and blue sections is spun.

A

(1, R) (1, G) (1, B)

B

(1, R) (1, G) (1, B) (2, R) (2, G)
(2, B) (3, R) (3, G) (3, B) (4, R)
(4, G) (4, B) (5, R) (5, G) (5, B)
(6, R) (6, G) (6, B)