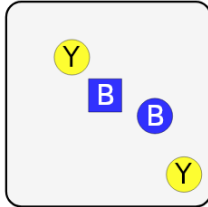




Represent sample spaces using tables

1

List all the possible outcomes.


A blue square,
yellow circle

B blue circle,
blue square

C blue circle,
blue square,
yellow circle,
yellow square

D blue circle,
blue square,
yellow circle

2

A spinner with three equal-sized sections coloured red, green, and blue is spun three times.

A

9

B

24

C

27

D

30

3

Two fair six-sided dice are rolled. There are 36 equally likely outcomes in the sample space. A favourable outcome is one where the total is more than 6.

A

 $\frac{7}{5}$

B

 $\frac{12}{7}$

C

 $\frac{5}{12}$

D

 $\frac{7}{12}$
4

A fair six-sided die is rolled and a spinner with red, green, and blue sections is spun. A favourable outcome is one where the spinner shows blue. There are 6 favourable outcomes.

A

 $\frac{7}{18}$

B

 $\frac{2}{3}$

C

 $\frac{1}{3}$

D

 $\frac{1}{2}$
5

A spinner with three equal-sized sections coloured red, green, and blue is spun three times.

A

RRR RRG RRB RGR RGG
RGB RBR RBG RBB

B

RRR RRG RRB RGR RGG
RGB RBR RBG RBB GRR
GRG GRB GGR GGG GGB
GBR GBG GBB BRR BRG
BRB BGR BGG BGB BBR
BBG BBB

**Represent sample spaces using tables****6**

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

B

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

7

A fair coin is flipped and a spinner with red, green, and blue sections is spun.

A

(H, R)	(H, G)	(H, B)	(T, R)	(T, G)
(T, B)	(H, R)	(H, G)	(H, B)	(T, R)
(T, G)	(T, B)			

B

(H, R)	(H, G)	(H, B)	(T, R)	(T, G)
(T, B)				

**Represent sample spaces using tables****8**

Two fair coins are flipped.

A

HH HT TH TT

B

TH TT TH TT

9

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)				

10

Three fair coins are flipped.

A

HHT	HHT	HTT	HTT	THT
THT	TTT	TTT		

B

HHH	HHT	HTH	HTT	THH
THT	TTH	TTT		