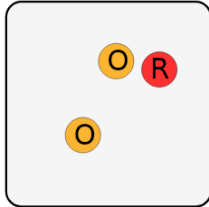




## Use tables for sample spaces

1

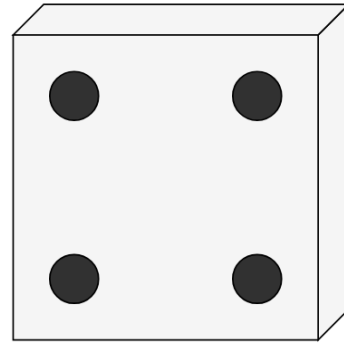
List all the possible outcomes.



- A red circle    B orange circle    C red circle, orange circle, green square    D red circle, orange circle

2

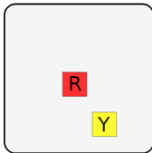
What is the chance of rolling 2 on this dice?



|   |                |   |                |
|---|----------------|---|----------------|
| A | $\frac{1}{12}$ | B | $\frac{2}{13}$ |
| C | $\frac{2}{6}$  | D | $\frac{1}{6}$  |
| E | $\frac{1}{5}$  | F | $\frac{2}{7}$  |

3

What is the chance of drawing a yellow square at random from this bag?



- A 0.125    B 0.1    C 0.5  
D 0.25    E 0.2

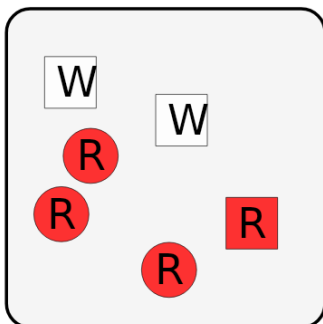
5

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

|   |   |   |   |
|---|---|---|---|
| A | 6 | B | 8 |
| C | 5 | D | 4 |

4

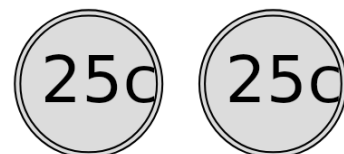
What is the chance of drawing a red square at random from this bag?



|   |               |   |               |
|---|---------------|---|---------------|
| A | $\frac{1}{5}$ | B | $\frac{1}{6}$ |
| C | $\frac{2}{2}$ | D | $\frac{2}{4}$ |
| E | $\frac{1}{8}$ | F | $\frac{2}{6}$ |

6

What is the chance of flipping a mixed set (not both heads or both tails) on these coins?



|        |         |         |
|--------|---------|---------|
| A 1    | B 0.4   | C 0.143 |
| D 0.25 | E 0.333 | F 0.5   |



## Use tables for sample spaces

**7**

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 |     |     |     |

**8**

Four fair coins are flipped.

A

|      |      |      |      |      |
|------|------|------|------|------|
| HHHH | HHHT | HHTH | HHTT | HTHH |
| HTHT | HTTH | HTTT | THHH | THHT |
| THTH | THTT | TTHH | TTHT | TTTH |
| TTTT |      |      |      |      |

B

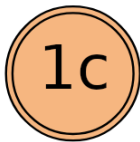
|      |      |      |      |      |
|------|------|------|------|------|
| HHHH | HHHT | HTHH | HTHT | THHH |
| THHT | TTHH | TTHT |      |      |



## Use tables for sample spaces

**9**

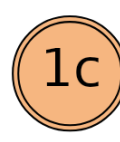
What is the chance of flipping a mixed set (not both heads or both tails) on these coins?



|         |         |         |
|---------|---------|---------|
| A 0.286 | B 0.667 | C 0.5   |
| D 1     | E 0.6   | F 0.143 |

**10**

What is the chance of flipping a mixed set (not both heads or both tails) on these coins?



|         |        |         |
|---------|--------|---------|
| A 0.5   | B 0.25 | C 0.333 |
| D 0.333 | E 0.6  | F 0.143 |

**11**

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)