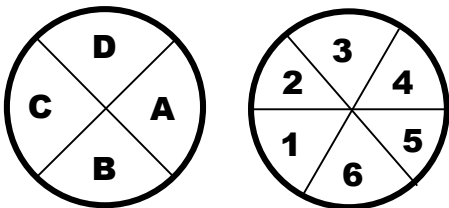


10A Construct sample space for compound events (dependent and independent)

1. Which displays the sample space for flipping a coin 2 times?

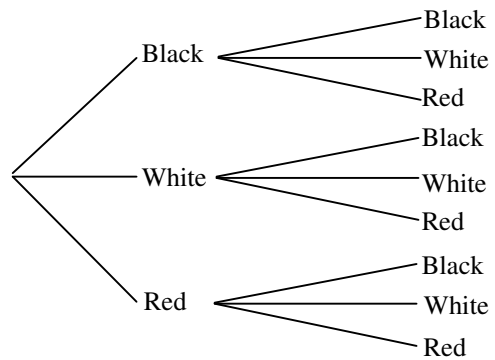
- A H, T
- B HH, TT, HT, TH
- C H, H, T, T
- D TH, HT

2. If the 2 spinners shown below are spun, how many possible outcomes are there?



- A 4
- B 6
- C 10
- D 24

3. Gina has a bag containing black, white, and red marbles. She takes two marbles out of the bag. According to the diagram below, how many possible outcomes exist?



- A 3
- B 9
- C 12
- D 27

4. For a dinner party, 3 people will be seated at a straight table. How many different ways are there to arrange the people?

- A 3
- B 6
- C 9
- D 12