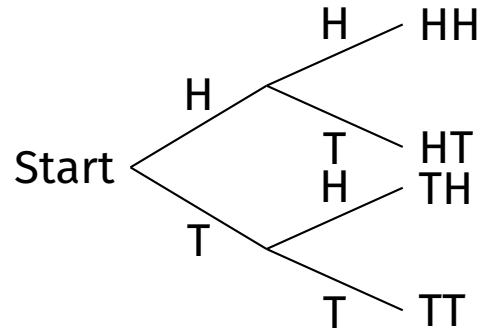
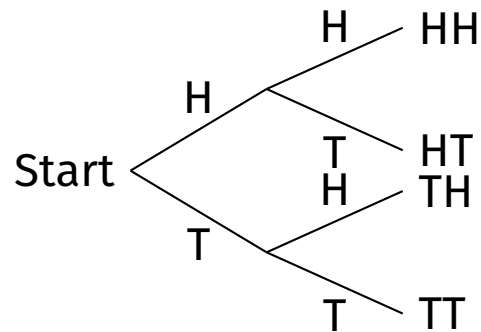


Proficient

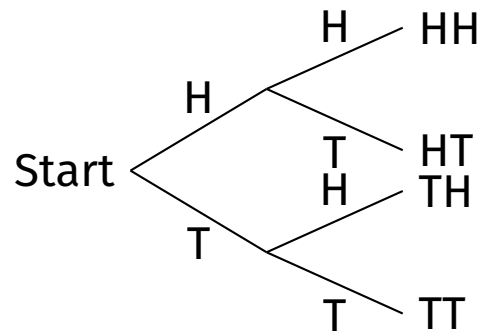
1. Use this tree to list the sample space for tossing two coins.



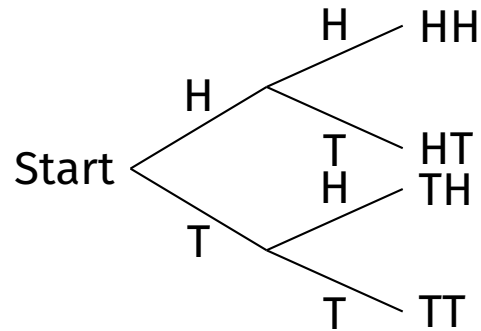
2. Use the tree to say how many outcomes are in the sample space.



3. Use the tree to write the probability of getting exactly one head.



4. Use the tree to write the probability of getting two tails.



5. A fair die is rolled. What is the probability of getting a factor of 6?
6. A fair die is rolled. What is the probability of getting a multiple of 3?
7. A spinner has 5 equal sectors labelled 1, 2, 3, 4, 5. What is the probability of landing on a prime number?
8. A bag has 8 counters: 3 red, 2 blue, and 3 green. What is the probability of picking a blue counter?

9. A standard deck card is chosen. What is the probability that the card is a heart?
10. A standard deck card is chosen. What is the probability that the card is black?
11. Which is more likely: rolling a number greater than 4 on a die or picking a blue counter from a bag with 1 blue and 3 red counters?
12. Which is more likely: drawing a heart from a deck or getting heads on a fair coin?