Mathematics

Combined Events and Tree Diagrams 2 Downloadable Resource

Mr Langton

Combined Events and Tree Diagrams 2

Yasmin has a biased coin. The probability that it lands on Heads is 0.7. She flips the coin three times.
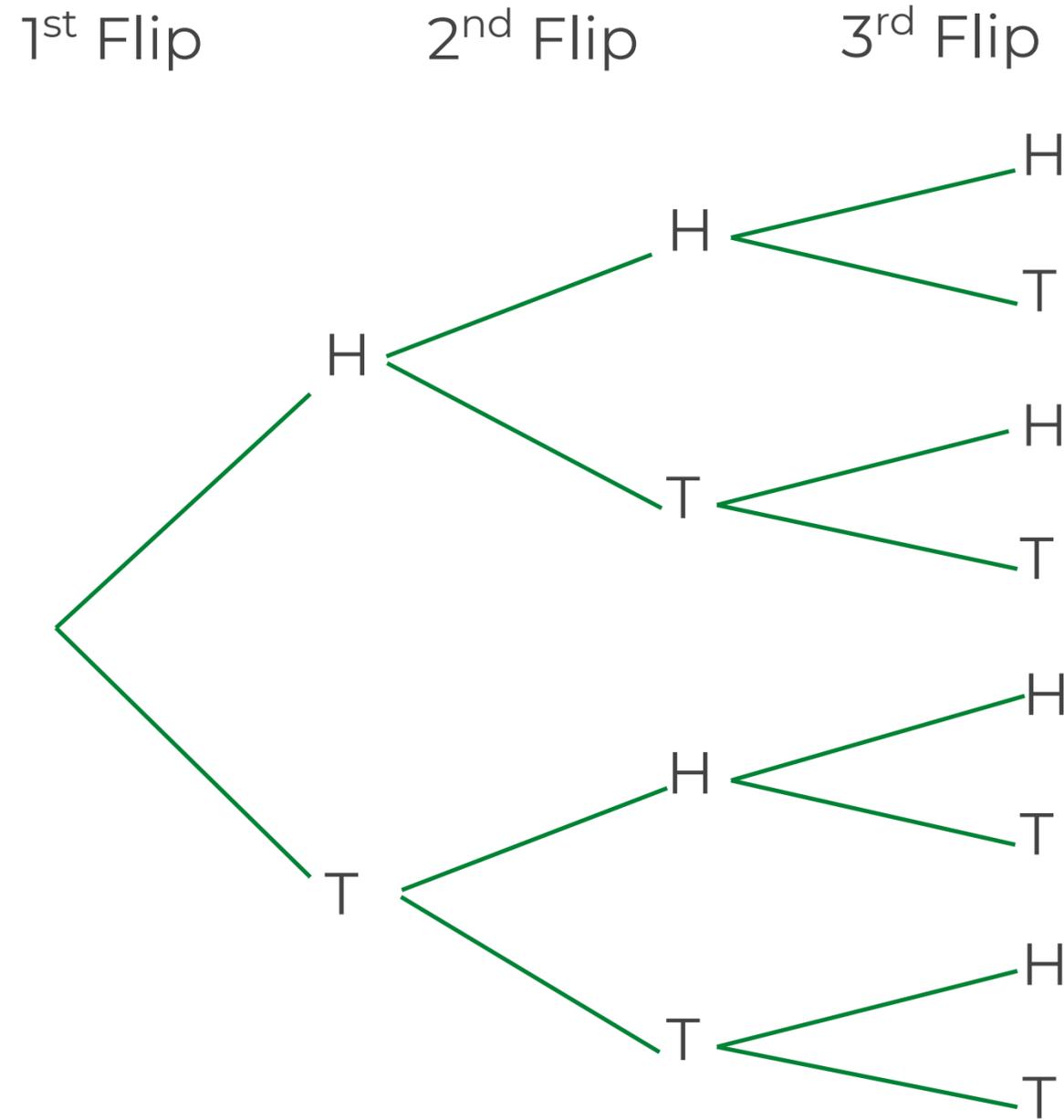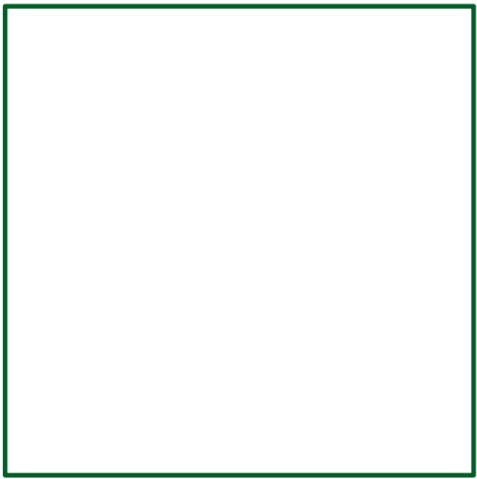
a) Complete the tree diagram to show all the possible outcomes.

b) What is the probability that it lands on Heads every time?

c) What is the probability that it lands on Tails at least once?

d) What is the probability that it lands on Heads at least twice?

1st Flip   2nd Flip   3rd Flip