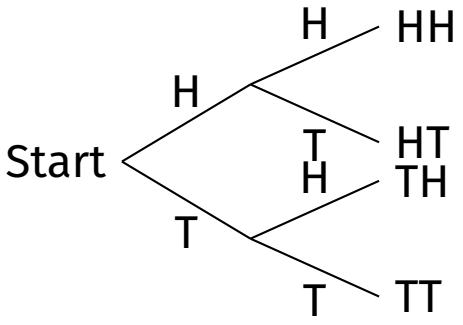
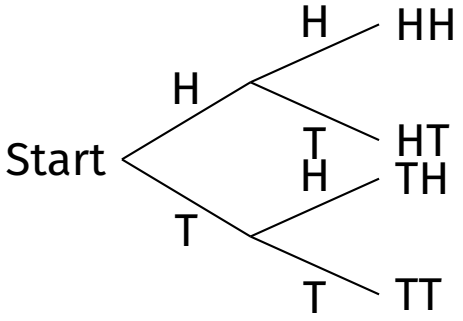
Foundation

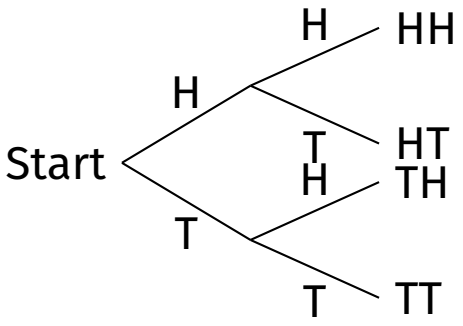
1. Use this tree to list the possible outcomes for two fair coin tosses.



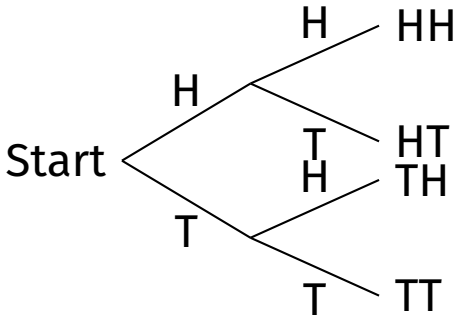
2. Use the tree to say how many outcomes are possible when two fair coins are tossed.



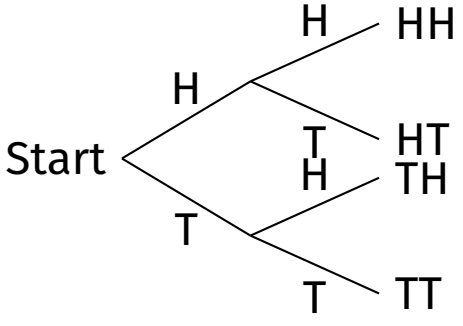
3. Use the tree to write the probability of getting HH.



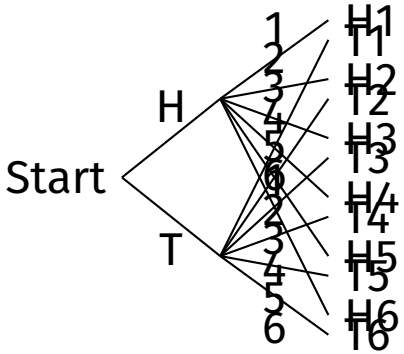
4. Use the tree to write the probability of getting TT.



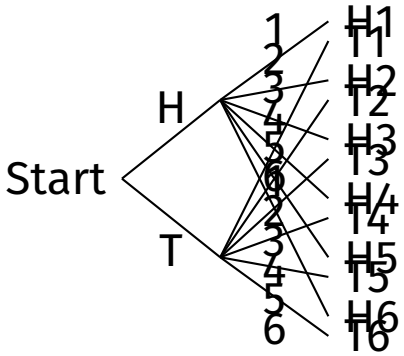
5. Use the tree to write the probability of getting exactly one head.



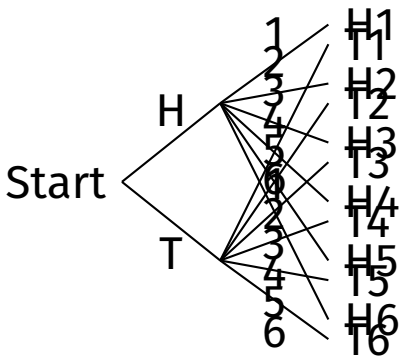
6. Use this tree for a coin toss and a fair die roll. How many outcomes are possible altogether?



7. Use the tree to find the probability of getting H and 3.



8. Use the tree to find the probability of getting T and an even number.



9. Fill in the blank using the coin tree: the probability of at least one tail is $\frac{\square}{4}$.

10. Fill in the blank using the coin-and-die tree: the probability of heads is $\frac{\square}{12}$.

11. Which is more likely when two fair coins are tossed: two heads or exactly one head?

12. A student says there are only three outcomes when two coins are tossed: heads, tails, and one of each. Are they correct?