Practice worksheet | Probability

Systematic lists, arrays, tables and trees

Name: _____ Date: _____

6 questions | 12 marks

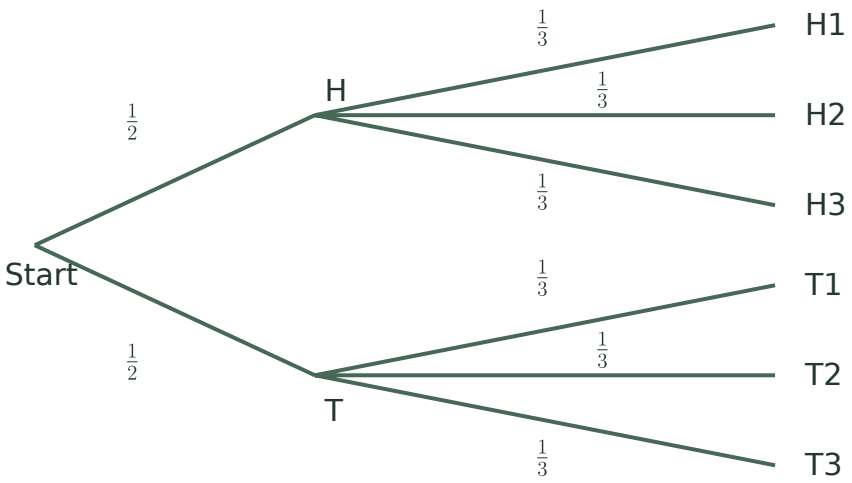
1. List all ordered two-letter codes using X and Y, allowing repeats. [1 mark]

2. A meal has 3 main choices and 2 drinks. How many complete meals can be formed? [2 marks]

3. List the ordered outcomes with sum 4 when two dice are rolled. [2 marks]

4. For two fair independent dice, find $P(\text{sum } 4)$. [2 marks]

5. Use the displayed tree to find $P(\text{H then } 3)$. [2 marks]



6. For a code A, B or C followed by 0 or 1, explain why A0, B1, C0 is incomplete. [3 marks]