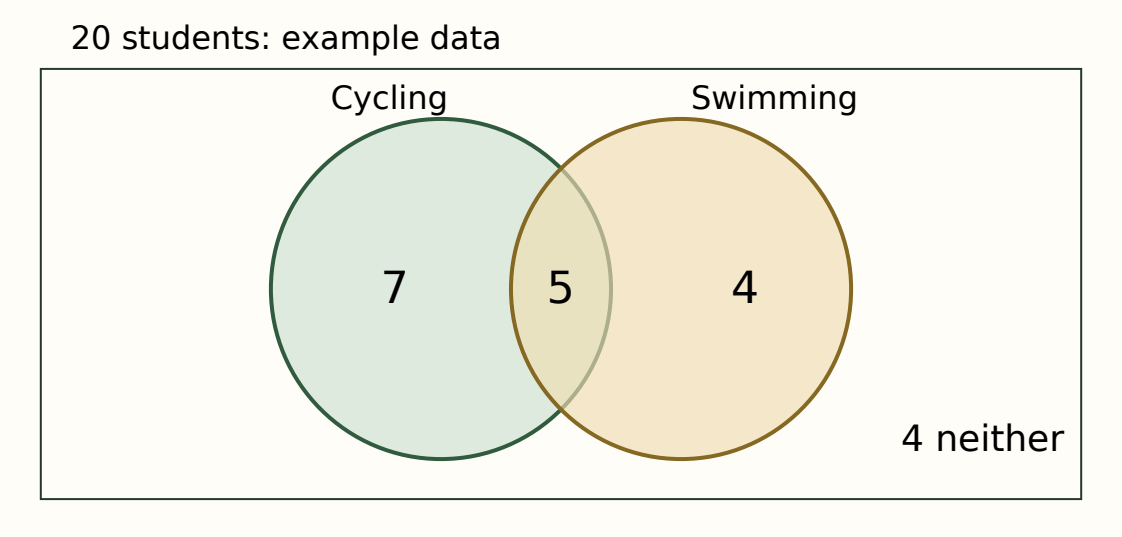
Practice worksheet | Probability

Tables, trees and Venn diagrams

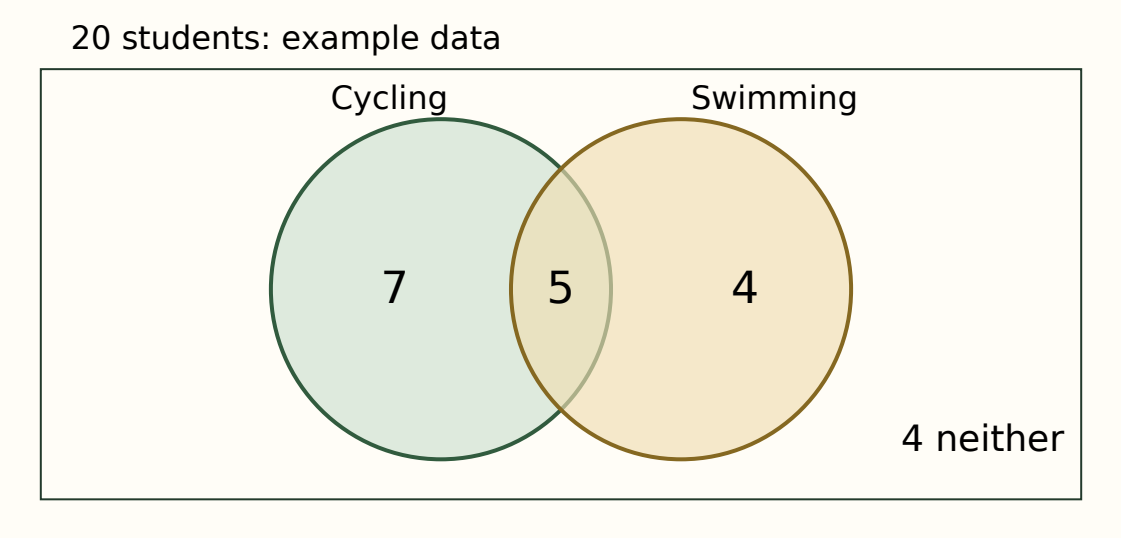
Name: _____ Date: _____

6 questions | 11 marks

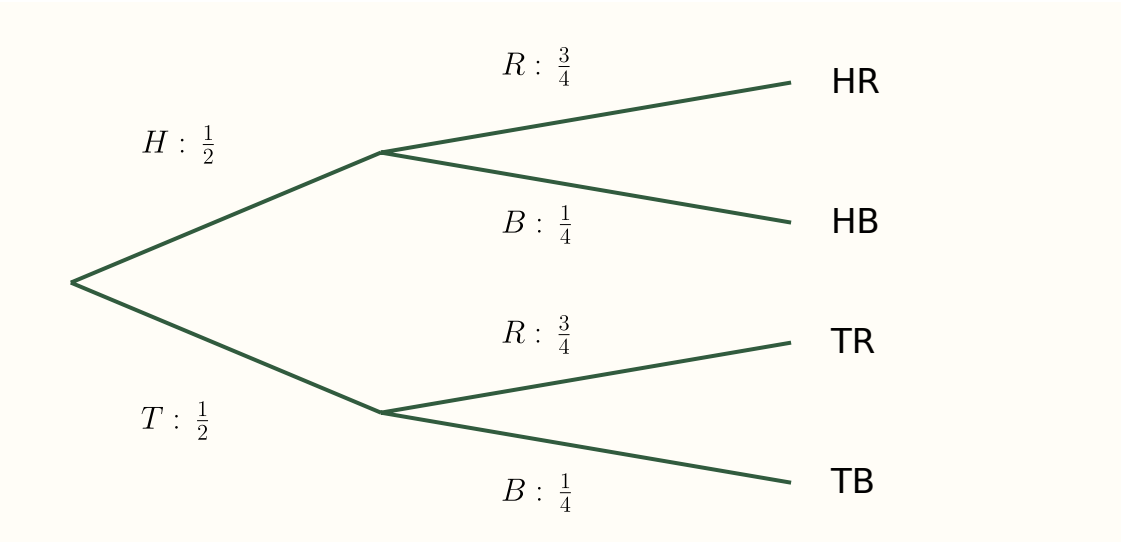
1. How many swim but do not cycle in the diagram? [1 mark]



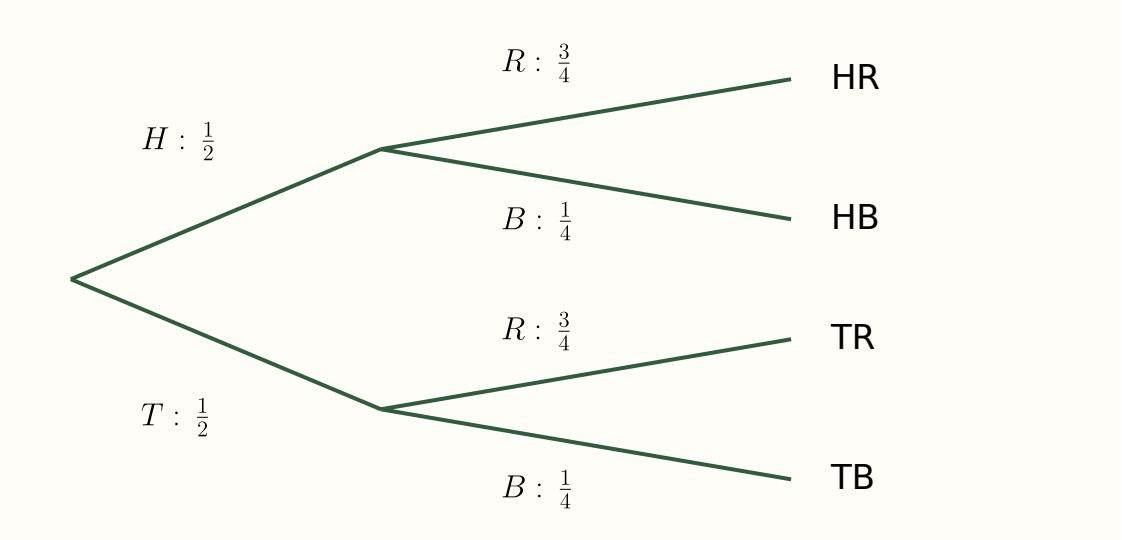
2. Find $P(\text{cycling or swimming})$ in the diagram. [2 marks]



3. List all complete outcomes on the tree. [2 marks]



4. Using the tree, find $P(\text{HR or TB})$. [3 marks]



5. A two-stage table has 3 rows and 4 columns of outcomes. Count its cells. [1 mark]

6. A branch point has only two alternatives with probabilities 0.4 and 0.7. Explain the error. [2 marks]