Year 10 Mathematics Learning Journey: Unit 12 – Probability

Step 9: Tree diagrams (dependent events)

Give me an example of two events which are dependent.

Step 8: Tree diagrams (independent events)

What are the different methods for finding the probability of 'at least one'?

Step 7: Independent events

Do you add or multiply to find the probability of two independent events both happening?

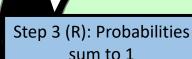**Step 6 (R): Sample spaces**

What does 'systematic' mean?

Step 4: Experimental data

Why is experimental probability different from theoretical probability?
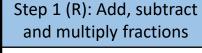
Step 5: Tables, Venn diagrams, frequency trees

How do we know which cell value is the denominator when calculating a probability from a two-way table?

Step 3 (R): Probabilities sum to 1

What do the words 'complement, union and intersect' mean?

Step 2 (R): Equally likely outcomes

If it might rain, or might not, are these events equally likely?

Step 1 (R): Add, subtract and multiply fractions

What is meant by 'exact value'?

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