Compound Event Probabilities

Today's Standard

7.SP.C8 - Find probabilities of compound events using organized lists, tables, tree diagrams, and simulation.

Cues	Notes
What is a compound event?	Compound events involve two or more separate events.
How do we calculate probabilities of compound events?	Probabilities of compound events are found using methods like lists, tables, and tree diagrams.
What are tree diagrams?	Tree diagrams visually represent all possible outcomes of compound events.
What is the difference between independent and dependent events?	Independent events do not affect each other's outcomes; dependent events do.

Summary

Understanding compound events and their probabilities is essential for grasping more complex statistical concepts. Methods like tree diagrams help visualize and calculate these probabilities accurately.