

Data Analysis and Probability

Goal: The learner will understand and determine probabilities.

Objective:

4.03 Conduct experiments involving simple and compound events.

To achieve this objective, students should:

- Recognize that simultaneous trials and trials conducted one at a time give the same information.
- Understand that simple events are those which consist of a single outcome. Rolling a 5 when rolling a die is a simple event (only one way for this to occur: 5)
- Understand that compound events are those which consist of more than one outcome. Rolling an even number when rolling a die is a compound event (three ways for this to occur: 2, 4, and 6)
- Understand the distinction between simple events and compound events.