

Independent Events

Examples:

Probability of Independent Events:

Conditional Probability

Example: Tay-Sachs disease (pg. 672-673)

Example using a data table: Sleeping pill effectiveness (pg. 673-674)

Other uses of conditional probability:

Conditional probability for independent events:

Probability where one event always accompanies another:

Multiplication Law:

Finding the probability of later events that depend on earlier events:
Example 59.8 (pg. 676-677):

Unlinked genes and Mendel's Law of Independent Assortment (pg. 677):