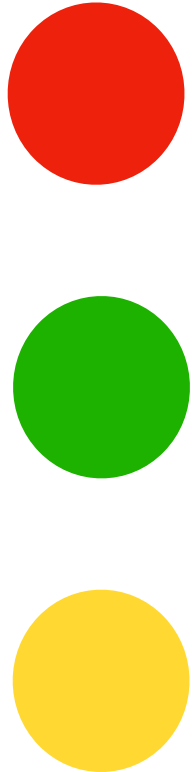
relations and functions

example



relations and functions

example

Consider the set of fruits and the set of colors. We associate fruits with their colors, e.g.,

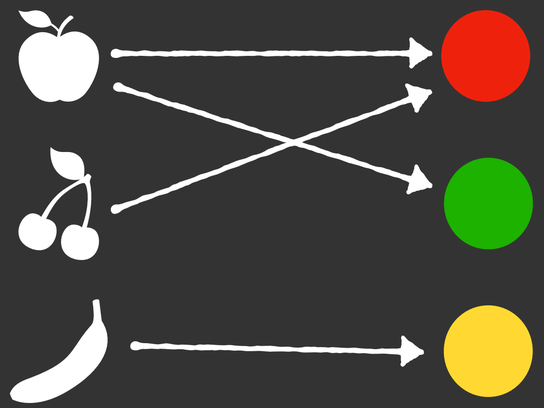
"apple may have the color red"

association

element of first set element of second set

…so the following set of ordered pairs is a **relation**:

{(apple, red), (apple, green), (cherry, red), (banana, yellow)}



…but is this a function?

relations