Event-B conventions

- partition is a shorthand definition of a set that can be partitioned into separate, disjoint parts (subsets)
- If the parts (subsets) are singleton sets, e.g., of the form {element},
 such a definition defines of an enumerated set
- For instance, partition(Set, {element1}, {element2}, {element3}) is a shorthand for the axioms
 - element $1 \in Set$,
 - element $2 \in Set$,
 - $element3 \in Set$,
 - element1≠element2,
 - element1≠element3,
 - element2≠element3,
 - Set = {element1, element2, element3}.
- In general, any disjoint subsets instead of {element}, e.g., partition(ITEM, Available, Sold)