

Yes, there is. Let $A \triangle B$ denote the symmetric difference of the sets A and B . Given an object x ,

$$x \in A \triangle B \iff (x \in A) \text{ XOR } (x \in B).$$

In general, one has a correspondence between statements in set theory and statements in logic, e.g.

$$x \in A \cup B \iff (x \in A) \text{ OR } (x \in B)$$

$$x \in A \cap B \iff (x \in A) \text{ AND } (x \in B)$$

$$x \in A^c \iff \text{NOT } (x \in A)$$

So, for example, $A \setminus B = A \cap B^c$, so

$$x \in A \setminus B \iff x \in A \cap B^c \iff (x \in A) \text{ AND } (x \in B^c) \iff (x \in A) \text{ AND } (\text{NOT } (x \in B))$$