

Math 2080
Week 1 note correction.

In the first week of notes, I defined a function f as a particular kind of relation $f \subset A \times B$, where A and B are sets. The definition is correct. However, one should not write “ $f : A \rightarrow B$ ” and one should not say “ f is a function from A to B ” **unless the domain of f is the entire set A .**