For a family of sets $\{X_i\}_{1}^{23}$, consider $Y := \bigcup_{i=1}^{23} X_i$. Let $F: \mathbb{Z} \to \mathbb{R}$ be a mapping defined by $F(n) := \sqrt{\max(n, 10)},$ (1)and define z = F(#Y), which is not meaningful.