Let $A = \{0, 1\}$ and $B = \{a, b, c, \ldots, z\}$.

1. How many functions are there from $A$ to $B$?
2. How many onto functions are there from $A$ to $B$?
3. How many one-to-one functions are there from $A$ to $B$?
4. How many bijections are there from $A$ to $B$?