```
1.) f is a function that is injective.
2.) f is a function that is surjective.
3.) f is a function that is bijective with an inverse function of: [('z', 'a'), ('y', 'b'), ('x', 'c'), ('w', 'd')].
4.) f is a function that is injective.
5.) f is a function that is injective.
6.) f is a function that is surjective.
7.) f is a function that is bijective with an inverse function of: [(4, 'a'), (1, 'b'), (3, 'c'), (2, 'd')].
8.) f is a function that is neither injective nor surjective.
9.) f is not a function.
```