Show that . . .

1. if $A$ is Turing-recognizable and $A \leq_m \overline{A}$, then $A$ is decidable.
2. if a binary language $A$ is TR-complete, then $A$ is co-TR-complete.
3. a co-TR-complete binary language $A$ is not Turing-recognizable.
4. the Kolmogorov complexity function $K(x)$ is not computable.
5. the set of incompressible strings is undecidable.