Eight Function Diagrams

One of these diagrams does not represent a function. Which one? Explain.

For each of the others, try to determine
      a. what function they represent, and
      b. the values of x and y.
Justify your answers by discussing domain and range, the images and pre-images of 0 and 1, details of the diagram itself, and perhaps the rate of change of the function as x varies (which could give you a sense of what the Cartesian graph may look like.)