Mini-Homework 11

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Question 1
A) function
B) Not a partial function. (1, 1) and (1, 2) $\notin$ R1
C) function
D) Partial function. (0, any number in the set {1, 2, 3}) $\notin$ T1

Question 2
A) function. This relation is a function because each input has one and only one output, and all inputs are accounted for give x * y = 6
B) function because given an input x, y is uniquely defined by $x^2 - 5$ so no two outputs can correspond to the same input
C) function because all unicode strings will differ by n exclamation points and can not be the same then