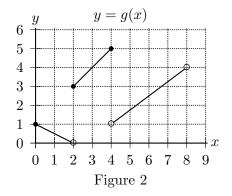
1. [14 points] Figure 1 below gives some data for an invertible function f(x) and Figure 2 shows the graph of a function g(x). Use this information to answer the questions below.

x	0	1	2	3	4	5	6
f(x)	1	5	8	9	7	4	0
Figure 1							



a. [4 points]

i. Evaluate 2g(2).

ii. Evaluate $f^{-1}(5)$.



Answer: _____

Answer: _____

b. [3 points] Which of the following numbers are in the *range* of *g*? (Circle ALL correct answers.)

0 1 1.5 π 4 5 5.25 7 8 9

c. [7 points] Find a formula for g(x) as a piecewise-defined function.

