

b. [1 point] h(v) is not an invertible function. Explain in 1–2 sentences how we know.

Explanation:

c. [1 point] If we wanted to restrict the domain of h(v) so that is was an invertible function, what would be a good domain to use?

Domain:____

Another function c(F), which is invertible, gives the cost of gas in dollars per mile when we have a fuel economy of F mpg.

d. [4 points] Write a sentence or phrase that gives the meaning of each of the following equations or expressions. Or, if it does not make sense in context, explain why not.

i.
$$c(h(80)) = 0.22$$

ii. $c^{-1}(0.18)$

e. [1 point] In this context, what is a reasonable domain for c(F)? No explanation necessary.

Domain: _