Problems - 4.2

(1) For the given function f, split the domain into intervals (as necessary) so that the f is either increasing or decreasing. For each interval, find the corresponding inverse function g.

$$f(x) = x^2 + 2x + 2$$

(5) For the given function f, split the domain into intervals (as necessary) so that the f is either increasing or decreasing. For each interval, find the corresponding inverse function g.

$$f(x) = \frac{2x}{x+2}$$