MTH-145-04

Typical Problems for Section 1.1

1. Find the domain of the function g defined by $g(t) = \frac{\sqrt{3t+6}}{5-t}$.

2. A function *P* is defined by $P(x) = \sqrt[3]{2x+5} + \frac{2}{(2x+5)^2}$.

Find two functions f and g such that P(x) = f(g(x)).

- f(t) =
- g(s) =