

**21-120 Differential and Integral Calculus, Summer II, 2004**

**ASSIGNMENT 1** Due 6/30/04, Wednesday

**Section 1.1** 1. 23. 24. 25. 26.

**Section 2.2** 7.

**Extra Problem** Let  $f(x) = \frac{x}{x+1}$ ,  $g(x) = x + \sin(x)$  and  $h(x) = x^2 - 1$ , then  
find the equations of  $g \circ h$ ,  $g \circ f$  and  $f \circ h$ .