

Name: \_\_\_\_\_

**Math 125H**

**Quiz 2**

**January 17, 2002**

Show all work for full credit.

1. (5 points) A table of values of an increasing function  $f$  is shown. Use the table to find lower and upper estimates for

$$\int_0^3 f(x) dx.$$

$x$	0	1	2	3
$f(x)$	0	1	3	4

2. Suppose  $g'(x) = x + 2$  and  $g(2) = 12$ . Find  $g(x)$ .