

Math153.06  
Quiz 2

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

1. Given  $f(x) = \log_5 x$ , fill in the following chart.

When $x$ is	1/125	.2	1	25		
Then $f(x)$ is					5	-3

2. Given  $g(x) = -\log_5 x + 3$ , fill in the following chart.

When $x$ is	1/125	.2	1	25		
Then $g(x)$ is					-5	4

3. What is the relationship between  $f(x)$  and  $g(x)$ ?

4. Explain what is meant by  $\log_5 x$ .