

Quiz 2 Calculus 1 6/14/2006

Each problem is worth 5 points. Clear and complete justification is required for full credit.

x	1	2	3	4	5	6
$f(x)$	4	6	1	2	3	5
$g(x)$	2	4	6	3	1	5

1. Use the table above to evaluate

a) $f \circ g(2)$

b) $g \circ f(2)$

2. Find an exponential function for the form $f(x) = C a^x$ passing through the points (0,3) and (2,12).

3. Evaluate $\log_2 \frac{1}{4}$ exactly.

4. Evaluate $\ln \sqrt{e}$ exactly.

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