

Mathematics 122

Quiz #32

Name: Key

*You must show your work to get full credit.*

Compute the following using your calculator.

1 pt (1)  $\int_1^3 x^2 dx.$

8.06666...

2 pt (2)  $\int_{-2}^1 \frac{t^2 - 2}{t^2 + 1} dt.$

-2.67764...

2 pt (3)  $\int_0^2 (z + 1)^{-z} dz.$

1.06629...