

# Math 2215 - Calculus 1

Quiz #14 - 2005.12.05

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

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1. Compute the following indefinite integral:

$$\int \frac{\cos(x)}{\sqrt{1+3\sin(x)}} dx$$

2. Compute the following definite integral:

$$\int_0^{\pi} e^{\cos(x)} \sin(x) dx$$

3. If someone asks you ‘What floats on water?’, how might you respond?