

California Institute of Technology  
Department of Computer Science  
Introduction to Computation

CS1, Fall 2008

Daily Quiz #5

October 13, 2008

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**Due:** end of class **today**

1. [0.1] Who are you? Give your CS cluster username: \_\_\_\_\_
2. [0.2] Define a recursive function `sum-n-cubes` to compute the sum of the cubes of the first  $n$  positive integers.


3. [0.2] Please evaluate:

$$\int (4x + 2) dx$$

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(0.2 points is for providing an answer to this question, not for getting it correct. This question is entirely to calibrate the course staff on the prior knowledge of the students so we can tune the lecture, assignments, recitations, and tutorials appropriately.)

4. [bonus no-credit] Nigel Tufnel's amplifier goes up to:  
**9    10    11    3.1415926...    2.718281828...     $\infty$     other**  
(circle correct answer)

5. Please answer the lecture feedback questions.