MA 123 A2
Summer I 2017
Quiz 9
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Name:
Student ID: -

You may use books and notes.
No calculators.
In order to score points you should show all your working on this quiz.
There are a total of 5 points available.

1. (5 points) (a) (4 points) Use a left Riemann sum with $n=3$ to approximate the area under the function $f(x)=2 x$ on the interval $[0,1]$.
(b) (1 point) What is the actual area under this function (it's a triangle), how does your approximation compare.
