

MATH 102-14 (102)  
QUIZ # 1

NAME: ..... ID. #: .....

---

Q1. Let

$$f(x) = \begin{cases} x & \text{if } 0 \leq x \leq 1 \\ 1 & \text{if } x \geq 1 \end{cases}$$

Use area to evaluate the integral:

$$\int_0^2 f(x) dx$$

---

Q2. Evaluate

$$\sum_{i=1}^n \left(5 - \frac{4i}{n}\right)$$