Math 181 - Reading Quiz 1
Dr. Rebin Muhammad, 2 September 2022

Full name:
This quiz is worth a total of $\mathbf{1 0}$ points. Answer each of the following questions.

For the function given by $s(t)=t^{2}$ :

1. find the most simplified expression you can for the average velocity of the ball on the interval $[1,1+h]$
2. Use your result from part (1) to compute the average velocity on $[0.9,1]$ and to estimate the instantaneous velocity at $t=1$
