## Muons!

## Physics II: Modern Physics College of the Atlantic

1.	Mount Washington is approximately 1907m tall. What is this distance in SR units? Answer in microseconds ( $\mu$ s), where one microsecond is $10^{-6}$ s.
2.	Muons have a half life of 1.52 $\mu$ s. Suppose at t=0 there are 1000 muons. How many muons would we expect to see after 6.44 $\mu$ s?
3.	Btw, what is $72 \%$ of $563$ ?