

QUIZ 1

Name _____

1. Find $\int_0^{\frac{\pi}{4}} \sec x \tan x \, dx$.

2. Find the derivative of $\frac{d}{dt} \int_t^{\pi} \cos(z^3) \, dz$

3. Find the position function $s(t)$ given that $a(t) = 16 - t^2$, $v(0) = 0$ and $s(0) = 30$.