

## KFUPM

MATH 102

QUIZ #3

Sec. 27

Time: 20min

Name:

ID:

Q1. Find  $\int_0^{\pi} x \sin^2 x \, dx$ .

Q2. Find  $\int_0^{\frac{1}{2}} \sin^{-1} x \, dx$ .

Q3. Evaluate  $\int \sin x \cosh x \, dx$ .