

King Fahd University of Petroleum & Minerals
Department of Mathematics and Statistics
(Semester 152) Math 102 Quiz # 3

Name: _____ I.D. # _____ Sr. # _____

1. Evaluate $\int (\sin^{-1} x)^2 dx$
2. Evaluate $\int \tan^3 x \sec^3 x dx$

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Name: _____ I.D. # _____ Sr. # _____

1. Evaluate $\int_1^{\sqrt{3}} \tan^{-1} \frac{1}{x} dx$
2. Evaluate $\int \cot^3 x \csc^3 x dx$