

King Fahd University of Petroleum & Minerals
Department of Mathematics and Statistics
(Semester 131) Math 102.10 Quiz # 4

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

1. Evaluate $\int_{\pi/6}^{\pi/4} 14 \sec^4 x \, dx$.

2. Evaluate $\int \frac{dx}{x^2 \sqrt{x^2 - 64}}$.

King Fahd University of Petroleum & Minerals
Department of Mathematics and Statistics
(Semester 131) Math 102.12 Quiz # 4

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

1. Evaluate $\int_{-\pi}^0 \sin(20x) \cos(17x) dx$.

2. Evaluate $\int \frac{7x^2 dx}{(25-x^2)^{3/2}}$.