KFUPM | Term 111 | Date: 2/10/2011

Mathematics & Statistics | MATH 102 | Duration: 15 minutes

Quiz# 1

Name: ID #: Section 4 Serial #:

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1. Show that $8 \le \int_{-2}^{2} \sqrt{4+x^2}\ dx \le 8\sqrt{2}$ (if possible!); explain.

P.T.O. →

2. Evaluate $\int_2^7 5\ln(x^2-4)\ dx$ (if possible!); explain.

With My Best Wishes

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Quiz# 1

Name: ID #: Section 1 Serial #:

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1. Find $\int \frac{\sin x \ \cos^{3/2} x \ \sec^{7/2} x}{\csc^{3/2} x \ \sin^{5/2} x}\, dx$ (if possible!); explain.

P.T.O. →

2. Evaluate $\int_1^4 \left[x + \cot^2(3-x) \right] dx$ (if possible!); explain.

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