KFUPM – Department of Mathematics and Statistics – Term 161 MATH 102 QUIZ # 4 Code 1 (Duration = 20 minutes)

NAME:	ID:	Section:
Exercise 1 (5 points)		
Evaluate $I = \int x^3 \sqrt{4 - x^2} dx$		

Exercise 2 (5 points)

Evaluate
$$\int_0^\infty \frac{1-x}{(1+x)(1+x^2)} dx$$

KFUPM – Department of Mathematics and Statistics – Term 161 MATH 102 QUIZ # 4 Code 2 (Duration = 20 minutes)

NAME:	_ ID:	Section:
Exercise 1 (5 points)		
Evaluate $I = \int x^3 \sqrt{x^2 + 4}$		

Exercise 2 (5 points)
Evaluate $\int_{1}^{\infty} \frac{dx}{x + x^{3}}$

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QUIZ # 4 Code 3	(Duration = 20 minutes)
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NAME:	ID:	Section:
Exercise 1 (5 points)		
Evaluate $I = \int x^3 \sqrt{9 - x^2} dx$		

Exercise 2 (5 points)
$$\text{Evaluate } \int_{2}^{\infty} \frac{1+x}{(x-1)(1+x^2)} dx$$

KFUPM – Department of Mathematics and Statistics – Term 161 MATH 102 QUIZ # 4 Code 4 (Duration = 20 minutes)

NAME:	ID:	Section:

Exercise 1 (5 points)

Evaluate
$$I = \int x^3 \sqrt{x^2 + 9} dx$$

Exercise 2 (5 points)
$$\text{Evaluate } \int_{1}^{\infty} \frac{1 - 2x}{(x+2)(1+x^2)} dx$$