Quiz 2

1. (5 points) Evaluate the definite integral $\int_2^3 \frac{x+3}{x^2-1}\,dx$.

2. (5 points) Evaluate the indefinite integral $\int x^3\sqrt{1-x^2}\,dx$.

Quiz 2

1. (5 points) Evaluate the integral $\displaystyle\int_{-1}^{1} \frac{4}{2-x^2}\,dx$.

2. (5 points) Evaluate the integral $\displaystyle\int \frac{\sqrt{x^2-1}}{x^3}\,dx$.