5E Checkup

1. (a) Can the Fundamental Theorem of Calculus, Part 2 be used to evaluate the integral? Explain.
(b) Does the integral have a value? If so, what is it? Explain

$$\int_{-2}^{3} \frac{x^2 - 1}{x+1} dx$$

2. Evaluate the integral using the Fundamental Theorem of Calculus, Part 2

$$\int_{0}^{\pi} \sin x \, dx$$