Quiz 6

Compute the following indefinite integrals, use u-substitution as needed.

1. (2 points) \( \int e^{-2x} \, dx \)

2. (2 points) \( \int e^{x/3} \, dx \)

3. (2 points) \( \int \sin x \, dx \)

4. (2 points) \( \int \frac{2x}{1+x^4} \, dx \)

5. (1 points) \( \cos 0 = \)

6. (1 points) \( \cos \pi = \)