Name _____

- You have 15 minutes
- No calculators
- ullet Show sufficient work
- 1. (2 points) Evaluate the following indefinite integral.

$$\int \frac{(2+\sqrt[5]{x})^7}{x^{4/5}} \, dx$$

2. (3 points) Evaluate and simplify the following definite integral.

$$\int_0^{\pi/8} \frac{\sin(2x)}{\cos^3(2x)} \, dx$$

