

- **Work individually on this part.** There are four questions on two sides of the page.
- Show all work.
- No notes, calculators or electronic devices of any kind.
- You have 20 minutes to complete this part.

1. (5 points) Evaluate $\int_0^1 \frac{e^x - 1}{e^x - x} dx$.

2. (5 points) Evaluate $\int \sec^4 x \, dx$.

3. (5 points) Evaluate $\int_0^1 x e^{3x} \, dx$.

4. (5 points) Evaluate $\int \arctan(2/x) \, dx$.