

The majority of the credit you receive will be based on the completeness and the clarity of your responses. **Show all of your work and justify your solutions as much as possible.**
This is a 15 minute quiz and has 2 questions, for a total of 10 points

(5 points) 1. Evaluate the following integral:

$$\int \frac{12}{x^2 - 7x + 12} dx$$

(5 points) 2. Evaluate the following integral:

$$\int t \sin(t) \cos(t) dt$$