

Quiz 11 – MATH 3503 Fall 2022

For the following problems, set up **but do not evaluate** the integral. By this, I mean get to the point where the next step would be to integrate.

1. $\int_C xy + z ds$ where C is a line segment from the point $(1, 2, 1)$ to the point $(-1, 0, 1)$

2. $\int_C y dx + x dy$ where C is a line segment from $(1, 2)$ to $(-1, 3)$.