Quiz 1   MAT1120   Name: ⎯⎯⎯⎯⎯⎯⎯⎯⎯

1. Match the technique we could use to compute the antiderivative, and follow the instructions: **Do NOT** evaluate the final integral for this question.

Technique	What I want you to show me (don't integrate the final integral!)
w-Sub	w, dw, and the integral with respect to w
Parts	u, u', v, v', and $uv - \int u'v\,dx$

Follow the directions to choose and set up the method, but do not continue past what I ask you to show me.

2. Evaluate the following integral: Show all of your steps for credit.

Fully solve and show all work.