

1. Match the technique you would use to compute the antiderivative, and follow the instructions: **Do NOT** solve nor evaluate the integral for this question.

Technique	What I want you to show me (don't integrate!)
w -Sub	w, dw , and the integral with respect to w
Parts	u, u', v, v' , and $uv - \int u'v dx$
Partial Fractions	the expansion, and the system of equations to solve for A, B
Trig Sub	triangle pic, $x dx$, integral with respect to θ reduced

2. Evaluate the following integrals. (These all arose in the context of class or hw)