Z] u vv ^µu Q

G [Use a Riemann sum to evaluate the definite integral [

/]Ykj:Q][

The definition of the definite integral gives us

We can always use these formulas to find
$$\[\[\] \]$$
 and $\[\] \[\] \[\$

Substitute this back in to the Riemann sum:

$$= O \cdot Q \cdot P \qquad \neg Q \qquad \neg$$

Use the summation formulas:

We can verify by using the Fundamental Theorem of Calculus: