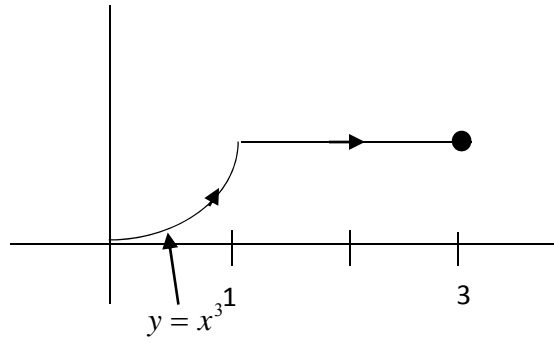


Evaluate

1. $\int_C \sqrt{1+9xy} ds$



$$2. \int_C \frac{y^3}{x^7} ds$$

