5 - 1 E E 12 dy + 1/2 = scy2

Arviding each term by xy2  $\frac{1}{xy^2} \frac{dy}{dx} + \frac{1}{x^2y} = 1$  $\frac{1}{xy^2} dy + \frac{1}{x^2y} dx = dx$  $\int \frac{1}{xy^2} dy$  or  $\int \frac{1}{x^2y} dx = \int dx$ . you can make y the Subject