

2

Given that $\frac{dy}{dx} = \frac{1}{x}$ find $\frac{d^2y}{dx^2}$

Circle your answer.

[1 mark]

$$-\frac{2}{x^2}$$

$$-\frac{1}{x^2}$$

$$\frac{1}{x^2}$$

$$\frac{2}{x^2}$$