



COLEGIO SEMINARIO DIOCESANO DE DUITAMA

Informe de Evidencias de Estudio - Cálculo 0221

Maria Alejandra Orduz

1101

12/06/2021

Nombres y Apellidos

Curso

Fecha

$$v = \frac{1+x-4\sqrt{x}}{x}$$

$$\begin{aligned} v &= \frac{1+x-4\sqrt{x}}{x} \\ v' &= \frac{(x)(1+x-4x^{1/2})' - (1+x-4x^{1/2})(x)'}{x^2} \\ v' &= \frac{x(1-2x^{1/2}) - (1+x-4x^{1/2})(1)}{x^2} \\ v' &= \frac{x-2x^{1/2}-1-x+4x^{1/2}}{x^2} \\ v' &= \frac{2x^{1/2}-1}{x^2} \\ v' &= \frac{2\sqrt{x}-1}{x^2} \end{aligned}$$

Link:

https://docs.google.com/document/d/1efxqZT_FLyqw1XKK7wHGtboMsg5VFA4RAxvkhp_GXMw/edit?usp=sharing