
Q1. Find y'

i. $y = \csc^3(e^{2x})$

Q2. If $x^3 + y^3 = 16$, find $\frac{d^2y}{dx^2}$ at $(2, 2)$

Q1. Find y'

i. $y = \sec^3(3\sqrt{x})$

Q2. If $xy + y^2 = 1$, find $\frac{d^2y}{dx^2}$ at $(0, -1)$