

**Answer on Question #49922 – Math – Differential Calculus | Equations**

**Question:**

Find the general solution for the differential equation

$$y' - 6x^2 = -6x^2$$

**Solution:**

$$y' - 6x^2 = -6x^2$$

$$y' = 6x^2 - 6x^2$$

$$y' = 0$$

**The general solution of differential equation is  $y(x) = c_1$ ,**

where  $c_1$  is an arbitrary real constant.