

Answer on Question #50942 – Math – Integral Calculus

Integrate with respect to x:

$$\int 20x^2 + 1dx$$

Solution

$$\int 20x^2 + 1dx = 20\int x^2 + 1dx = 20\int x^2 dx + \int dx = \frac{20}{3}x^3 + x + C,$$

where C is an arbitrary real constant.