

**Answer on Question #53941 – Math – Calculus**

Find the limit of the function by using direct substitution

$$\lim_{x \rightarrow 0} (x^2 + 4).$$

**Solution**

We have

$$\lim_{x \rightarrow 0} (x^2 + 4) = \lim_{x \rightarrow 0} (x^2) + \lim_{x \rightarrow 0} (4) = 0^2 + 4 = 4.$$

**Answer: 4.**