No calculators, cell phones, computers, notes, etc.

Circle your answer. Make your work correct, complete and coherent.

The quiz is worth 5 points. The solutions will be posted on my website later today.

Quiz 6, November 20, 2018

Find the volume of the region bounded above by the paraboloid $z = x^2 + y^2$ and below by the triangle enclosed by the lines y = x, x = 0, and x + y = 2 in the xy-plane.

ANSWER:

$$Vol = SS + 40 dA = SS \times^{2} + 42 dA$$

$$\frac{1}{10} = \frac{1}{10} = \frac{1}{10} = \frac{16}{12} = \frac{16}$$