From PTC Mathcad Express:

$$\int_0^1 \int_0^x \int_0^y x \cdot y \cdot z \, dz \, dy \, dx = 0.021$$

From SMath Studio:

$$\int_0^1 \int_0^x \int_0^y x \cdot y \cdot z \, d z \, d y \, d x = \blacksquare \; \blacksquare$$

y - not defined.