$$\iint\limits_V \mu(v,w)\,du\,dv$$

$$\iiint\limits_V \mu(u,v,w)\,du\,dv\,dw$$

$$\iiint \iint\limits_V \mu(t,u,v,w)\,dt\,du\,dv\,dw$$

 $\int \cdots \int \mu(z_1,\ldots,z_k) \, \mathbf{dz}$