$N := 10$

$$10 \tag{1}$$

$$\frac{1}{(N+1)!}$$

$$\frac{1}{39916800} \tag{2}$$

$evalf(\%)$

$$2.505210839\ 10^{-8} \tag{3}$$

$N := 7$

$$7 \tag{4}$$

$$\frac{1}{(N+1)!}$$

$$\frac{1}{40320} \tag{5}$$

$evalf(\%)$

$$0.00002480158730 \tag{6}$$

$$N := 5;\ \frac{\left(\frac{\mathrm{Pi}}{60}\right)^{2\cdot N+3}\cdot 1}{(2\cdot N+3)!} : evalf(\%)$$

$$5$$

$$3.570275868\ 10^{-27} \tag{7}$$

$$N := 3;\ \frac{\left(\frac{\mathrm{Pi}}{60}\right)^{2\cdot N+3}\cdot 1}{(2\cdot N+3)!} : evalf(\%)$$

$$3$$

$$8.151256669\ 10^{-18} \tag{8}$$

$$N := 2;\ \frac{\left(\frac{\mathrm{Pi}}{60}\right)^{2\cdot N+3}\cdot 1}{(2\cdot N+3)!} : evalf(\%)$$

$$2$$

$$2.140719771\ 10^{-13} \tag{9}$$

$$N := 0;\ \frac{\left(\frac{\mathrm{Pi}}{60}\right)^{2\cdot N+3}\cdot 1}{(2\cdot N+3)!} : evalf(\%)$$

$$0$$

$$0.00002392459621 \tag{10}$$

$$N := 1;\ \frac{\left(\frac{\mathrm{Pi}}{60}\right)^{2\cdot N+3}\cdot 1}{(2\cdot N+3)!} : evalf(\%)$$

$$1$$

$$3.279531945\ 10^{-9} \qquad (11)$$