$$1 = 0,99_{000} + N = 1$$

$$\frac{1}{3} \times 3 = 0,9 + N = 1$$

$$\frac{10}{3} \times 3 = 0,99 + N = 10$$

$$N = \left(\frac{10}{3} \times 3\right) - 0,99 = 0$$