We have

$$\frac{1}{n} \overset{n \to \infty}{\longrightarrow} 0.$$

We also know, that

$$\begin{aligned} |x| &= |x - y + y| \\ &\underset{\text{inequality}}{\overset{\text{triangle}}{\leq}} |x - y| + |y| \end{aligned}$$

In contrary to

$$\begin{aligned} |x| &= |x - y + y| \\ &\underset{\text{inequality}}{\overset{\text{triangle}}{\leq}} |x - y| + |y| \end{aligned}$$

Note, that the `attach` function is used and that as such it become quite unreadable if used inside subscripts, etc.:

$$\underbrace{\frac{n-1}{n^2}}_{\underset{n \to \infty}{\longrightarrow} 0} \cdot n = \frac{n-1}{n} = 1 - \frac{1}{n} \underset{n \longrightarrow \infty}{\rightarrow} 1$$