

$$\frac{1}{|e^x - 1|} = 1$$

$$c.a.: e^x - 1 \neq 0 \Rightarrow x \neq 0$$

$$|e^x - 1| = 1 \Rightarrow e^x - 1 = \pm 1$$

$$e^x - 1 = 1 \Rightarrow e^x = 2 \Rightarrow x = \ln 2$$

$$e^x - 1 = -1 \Rightarrow e^x = 0 \Rightarrow \text{imp.}$$