

$$\begin{aligned} 2^{-1} &= 0.5 \\ 2^{-2} &= 0.25 \\ 2^{-3} &= 0.125 \\ 2^{-4} &= 0.0625 \end{aligned}$$

$$1.100\_0000\_0000\_0000 = \underline{1*2^{-1} = -0.5}$$

$$1.110\_0000\_0000\_0000 = \underline{1*2^{-1} + 1*2^{-2} = -0.75}$$

$$1.111\_0000\_0000\_0000 = \underline{1*2^{-1} + 1*2^{-2} + 1*2^{-3} = -0.875}$$

WRONG!