

## Question 1

$$\begin{aligned}1997^{-98} &= (1.997 \times 10^3)^{-98} \\ &= 1.997^{-98} \times 10^{-294} \\ &= (3.66 \times 10^{-30}) \times 10^{-294} \\ &= 3.66 \times 10^{-324}\end{aligned}$$