

$$\begin{aligned}
& \textcircled{2} (x+z+w)(x+\bar{y}+z)(x+\bar{y}+\bar{z}+w) = \\
& = \left((x+w) + \underbrace{z(\bar{y}+\bar{z})}_{z\bar{y}} \right) (x+\bar{y}+z) = \\
& = \left((x+w) + z\bar{y} \right) (x+\bar{y}+z) \\
& \underline{\underline{(x+w+z)(x+w+\bar{y})(x+\bar{y}+z)}}
\end{aligned}$$