

$$\begin{aligned}
 & x^2 - 8x + 16 \\
 & x^2 - \overbrace{4x - 4x} + 16 \\
 & (x^2 - 4x) + (-4x + 16) \\
 & x(x - 4) - 4(x - 4) \\
 & (x - 4)(x - 4)
 \end{aligned}$$