

$$\begin{aligned} * \quad (x-2)^2 &\rightarrow (x-2)(x-2) \\ &x^2 - 2x - 2x + 4 \\ &x^2 - 4x + 4 \end{aligned}$$

$$\begin{aligned} (3a^2-5)^2 &\rightarrow (3a^2-5)(3a^2-5) \\ &9a^4 - 15a^2 - 15a^2 + 25 \\ &9a^4 - 30a^2 + 25 \end{aligned}$$