

p.31 #10

$$\begin{aligned} (a) & 3[5 + 4(x-7)] \\ & = 3[5 + 4x - 28] \\ & = 3[4x - 23] \\ & = 12x - 69 \end{aligned}$$

p.33 # 13(e) $(m+5)(m+5)$

$$\begin{aligned} & 2(m-3)(m-4) - 3(m+5)^2 \\ & = 2(m^2 - 4m - 3m + 12) - 3(m^2 + 10m + 25) \\ & = 2(m^2 - 7m + 12) - 3(m^2 + 10m + 25) \\ & = 2m^2 - 14m + 24 - 3m^2 - 30m - 75 \\ & = -m^2 - 44m - 51 \end{aligned}$$