

$$\begin{aligned} \text{(i)} \quad & 21b - 32 + 7b - 20b \\ & = 8b - 32 \end{aligned}$$

$$\begin{aligned} \text{(ii)} \quad & -z^2 + 13z^2 - 5z + 7z^3 - 15z \\ & = 7z^3 + 12z^2 - 20z \end{aligned}$$

$$\begin{aligned} \text{(iii)} \quad & p - (p - q) - q - (q - p) \\ & = \cancel{p} - \cancel{p} + \cancel{q} - \cancel{q} - q + p \\ & = p - q \end{aligned}$$

$$\begin{aligned} \text{(iv)} \quad & 3a - 2b - ab - (a - b + ab) + 3ab + b - a \\ & = 3a - 2b - ab - a + b - ab + 3ab + b - a \\ & = 3a - a - a - \cancel{2b} + \cancel{b} + \cancel{b} - ab - ab + 3ab \\ & = a + ab \end{aligned}$$

$$\begin{aligned} \text{(v)} \quad & 5x^2y - 5x^2 + 3yx^2 - 3y^2 + x^2 - y^2 + 8xy^2 - 3y^2 \\ & = 5x^2y + 3x^2y - 5x^2 + x^2 - 3y^2 - y^2 - 3y^2 + 8xy^2 \\ & = 8x^2y - 4x^2 - 7y^2 + 8xy^2 \end{aligned}$$

$$\begin{aligned} \text{(vi)} \quad & 3y^2 + 5y - 4 - (8y - y^2 - 4) \\ & = 3y^2 + 5y - \cancel{4} - 8y + y^2 + \cancel{4} \\ & = 4y^2 - 3y \end{aligned}$$