

$$\begin{aligned}
 \text{2(i)} \quad & 3mn + (-5mn) + 8mn + (-4mn) \\
 &= 11mn - 9mn \\
 &= 2mn
 \end{aligned}$$

$$\begin{aligned}
 \text{(ii)} \quad & \cancel{x} - 8tz + 3tz - \cancel{z} + \cancel{z} - \cancel{x} \\
 &= -5tz
 \end{aligned}$$

$$\begin{aligned}
 \text{(iii)} \quad & -7mn + 5 + 12mn + 2 + 9mn - 8 + -2mn - 3 \\
 &= -9mn + 21mn + 7 - 11 \\
 &= 12mn - 4
 \end{aligned}$$

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

$$\begin{aligned}
 \text{(v)} \quad & 14x + \cancel{10y} - \cancel{12xy} - 13 \\
 & - 7x - \cancel{10y} + \cancel{8xy} + 18 \\
 & \quad \quad \quad \cancel{4xy}
 \end{aligned}$$

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$$\begin{array}{r}
 7x \qquad \qquad \qquad + 5 \\
 \hline
 \end{array}$$

$$\begin{aligned}
 \text{(vi)} \quad & 5m - 7n + 3n - 4m + 2 + 2m - 3mn - 5 \\
 &= 5m - 4m + 2m - 7n + 3n - 3mn + 2 - 5 \\
 &= 3m - 4n - 3mn - 3
 \end{aligned}$$