1(iv) $49y^2 + 84yz + 36z^2$

$= (7y)^2 + 2 \times 7y \times 6z + (6z)^2$

$= (7y+6z)^2$ $[\because a^2+2ab+b^2 = (a+b)^2]$

$= (7y+6z)(7y+6z)$

1(v) $4x^2 - 8x + 4$

$= 4(x^2 - 2x + 1)$

$= 2^2(x^2 - 2 \times x \times 1 + 1^2)$

$= 2 \times 2 (x-1)^2$ $[\because a^2-2ab+b^2 = (a-b)^2]$

$= 2 \times 2 (x-1)(x-1)$

1(vi) $121b^2 - 88bc + 16c^2$

$= (11b)^2 - 2 \times 11b \times 4c + (4c)^2$

$= (11b - 4c)^2$ $[\because a^2-2ab+b^2 = (a-b)^2]$

$= (11b-4c)(11b-4c)$

1(vii) $(l+m)^2 - 4lm$

$= l^2 + m^2 + 2lm - 4lm$ $[\because (a+b)^2 = a^2+b^2+2ab]$

$= l^2 + m^2 - 2lm$

$= (l-m)^2$ $[\because a^2+b^2-2ab = (a-b)^2]$

$= (l-m)(l-m)$