

Remove the parentheses, rewrite subtraction as addition of the opposite, reorder, and combine like terms.

$$15xy + (-6yz) + 9z + 3xy + 6yz + (-9z) = 15xy + 3xy + (-6yz + 6yz) + (9z - 9z) = 18xy + 0yz + 0z = 18xy$$