Combine like terms. These are the terms with the same variables raised to the same exponents. In this expression, $6x^2y$ and $4x^2y$ are like terms and are combined by adding their coefficients.

$6x^2y+5xy^2+4x^2y = 6x^2y+4x^2y+5xy^2 = (6+4)x^2y+5xy^2 = 10x^2y + 5xy^2$