

WORKSheet 6

$$\textcircled{1} 30x^8y^9 - 24x^4y^6 - 12x^6y^2$$

$$6x^4y^2(5x^4y^7 - 4y^4 - 2x^2)$$

$$\textcircled{2} 3x(2x-5) - 4(2x-5)$$

$$(2x-5)(3x-2)$$

$$\textcircled{3} 4n + 4x - n^2 - n^2$$

$$4(n+x) - n(n+x)$$

$$(4-n)(n+x)$$

$$\textcircled{4} -x^2 - 2x + 24$$

$$-(x^2 + 2x - 24)$$

$$-(x-4)(x+6)$$

$$\textcircled{5} 5x^5 - 25x^4 - 120x^3$$

$$5x^3(x^2 - 5x - 24)$$

$$5x^3(x-8)(x+3)$$