

WORKsheet 6

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

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

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

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

$$\textcircled{4} -x^2-2x+24 \\ -(x^2+2x-24) \\ -(x-4)(x+6)$$

$$\textcircled{5} 5x^5 - 25x^4 - 120x^3 \\ 5x^3(x^2 - 5x - 24) \\ 5x^3(x-8)(x+3)$$