

## Simple Mise en évidence

a)  $2x + 4$

$$\boxed{2(x+2)}$$

b)  $3x + 9y - 6$

$$\boxed{3(x+3y-2)}$$

## Mise en évidence double

a)  $4x^3 - 2x^2 - 6x + 3$

$$\begin{aligned} & 2x^2(2x-1) + 3(-2x+1) \\ &= 2x^2(2x-1) - 3(2x-1) \\ &= \boxed{(2x^2-3)(2x-1)} \end{aligned}$$

b)  $3x^3 + 6x^2 + 3x + 6$

$$\begin{aligned} & 3x(x^2+1) + 6(x^2+1) \\ &= (3x+6)(x^2+1) \\ &= \boxed{3(x+2)(x^2+1)} \end{aligned}$$