Ex

1) $x^2+4x+4 = (x+2)^2$

2) $x^2-4 = (x+2)(x-2)$

3) $x^2+4 = \not{X}$

4) $25x^2-20x+4 = (5x-2)^2$

5) $100x^2-1 = (10x-1)(10x+1)$

6) $x^3+9x^2+27x+27 = (x+3)^3$

7) $x^3-27 = (x-3)(x^2+3x+9)$

8) $x^3+8 = (x+2)(x^2-2x+4)$

9) $8x^3-12x^2+7x-1 \neq (2x-1)^3 = 8x^3-12x^2+6x-1$

$-3a^2b$ ✓ $+3ab^2$

Compléter

a) $4x^2 + 4x + \ldots = (\ldots + \ldots)^2$

b) $4x^2y^2 + \ldots xy + 9 = (\ldots + \ldots)^2$

c) $(x + \ldots)(x - \ldots) = \ldots - 64$

d) $x^3 - \ldots x^2 + \ldots x - 1 = (\ldots - \ldots)^3$