4'

a) $-15xy^2$

b) $1-2x+5-3x=1-5x+5=6-5x$

c) $5x-2-3x+2x^2+3x^2+3=5x^2+2x+1$

d) $-t+2-2t+3-4+6t=3t+1$

e) $3s-3+3s^3$

f) $-3t^3-2t^2+t$

g) $z^3+2z^2t-zt-2t^2$

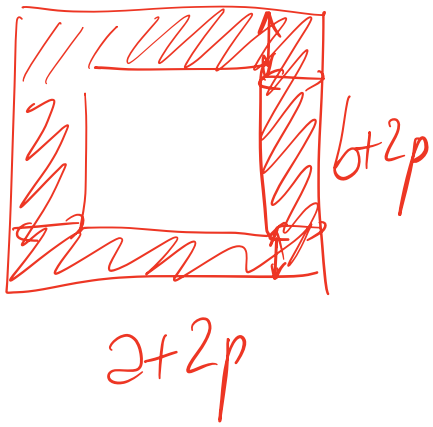
h) $(x^2+x-2)(x+2)=x^3+x^2-2x$

$+2x^2+2x-4=x^3+3x^2-4$

4.14

LE TOUT — L'INTÉRIEUR

a) $(a+2p)(b+2p) - ab = S$



$ab + 2ap + 2bp + 4p^2 - ab = S$

$$2bp = S - 4p^2 - 2ap$$

b) $$b = \frac{S - 4p^2 - 2ap}{2p}$$

c) $p = 3\ m$

$S = 216\ m^2$

$$a = b + 6$$

$$2bp = S - 4p^2 - 2ap$$

$$2 \cdot b \cdot 3 = 216 - 4 \cdot 3^2 - 2 \cdot (b+6) \cdot 3$$

$$6b = 180 - 6b - 36$$

$$12b = 144$$

$$\boxed{b = 12} \qquad \boxed{a = 18}$$