EX 1 Développer et réduire les expressions suivantes.

3L10

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

$B = -(-9x + 4)$

$C = -(7x + 4)$

$D = -(-2x^2 - 6x - 9)$

$E = -(-6x^2 - x + 1)$

$F = -(x + 4)$

EX 2 Développer et réduire les expressions suivantes.

3L10-1

$A = 3 + (x - 5)$

$B = 6 - (5x - 8)$

$C = 6 + (5x - 6)$

$D = -4 - (-3x + 4)$

$E = 10 + (-9x + 6)$

$F = 5 - (-7x - 7)$

Corrections

EX 1

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

$\quad = -8x^2 - 3x + 4$

$B = -(-9x + 4)$

$\quad = 9x - 4$

$C = -(7x + 4)$

$\quad = -7x - 4$

$D = -(-2x^2 - 6x - 9)$

$\quad = 2x^2 + 6x + 9$

$E = -(-6x^2 - x + 1)$

$\quad = 6x^2 + x - 1$

$F = -(x + 4)$

$\quad = -x - 4$

EX 2

$A = 3 + (x - 5)$

$\quad = 3 + x - 5 = x - 2$

$B = 6 - (5x - 8)$

$\quad = 6 - 5x + 8 = -5x + 14$

$C = 6 + (5x - 6)$

$\quad = 6 + 5x - 6 = 5x$

$D = -4 - (-3x + 4)$

$\quad = -4 + 3x - 4 = 3x - 8$

$E = 10 + (-9x + 6)$

$\quad = 10 - 9x + 6 = -9x + 16$

$F = 5 - (-7x - 7)$

$\quad = 5 + 7x + 7 = 7x + 12$