EX 1 Développer.

4L10

1. $A = 11(x + 2)$
2. $B = 10(8x + 8)$
3. $C = 5(2x + 4)$
4. $D = 2(2x + 9)$
5. $E = 3(6x + 7)$
6. $F = 6(8x + 2)$

EX 2 Développer.

4L10

1. $A = 10(8x + 4)$
2. $B = -4(9x + 8)$
3. $C = 2(9x - 6)$
4. $D = 7(4x + 2)$
5. $E = -9(6x - 7)$
6. $F = 9(8x + 7)$

EX 3 Développer.

3L11

$A = 9(9a - 2) + 4$

$B = 4(9b - 3)$

$C = -2(4z + 4)$

$D = 5b(2b - 4)$

$E = (6c - 7) \times (-8)$

$F = -10b(7b - 8)$

Corrections

EX 1

1. $A = 11(x + 2) = 11 \times x + 11 \times 2 = 11x + 22$
2. $B = 10(8x + 8) = 10 \times 8x + 10 \times 8 = 80x + 80$
3. $C = 5(2x + 4) = 5 \times 2x + 5 \times 4 = 10x + 20$
4. $D = 2(2x + 9) = 2 \times 2x + 2 \times 9 = 4x + 18$
5. $E = 3(6x + 7) = 3 \times 6x + 3 \times 7 = 18x + 21$
6. $F = 6(8x + 2) = 6 \times 8x + 6 \times 2 = 48x + 12$

EX 2

1. $A = 10(8x + 4) = 10 \times 8x + 10 \times 4 = 80x + 40$
2. $B = -4(9x + 8) = -4 \times 9x + (-4) \times 8 = -36x - 32$
3. $C = 2(9x - 6) = 2 \times 9x + 2 \times (-6) = 18x - 12$
4. $D = 7(4x + 2) = 7 \times 4x + 7 \times 2 = 28x + 14$
5. $E = -9(6x - 7) = -9 \times 6x + (-9) \times (-7) = -54x + 63$
6. $F = 9(8x + 7) = 9 \times 8x + 9 \times 7 = 72x + 63$

EX 3

$A = 9(9a - 2) + 4 = 9 \times 9a + 9 \times (-2) + 4 = 81a - 18 + 4 = 81a - 14$

$B = 4(9b - 3) = 4 \times 9b + 4 \times (-3) = 36b - 12$

$C = -2(4z + 4) = -2 \times 4z + (-2) \times 4 = -8z - 8$

$D = 5b(2b - 4) = 5b \times 2b + 5b \times (-4) = 10b^2 - 20b$

$E = (6c - 7) \times (-8) = -8 \times 6c + (-8) \times (-7) = -48c + 56$

$F = -10b(7b - 8) = -10b \times 7b + (-10b) \times (-8) = -70b^2 + 80b$