Exercise 1-31   Factorize as much as possible the following expressions.

a) $(2x - 3)^2 - (3x - 2)^2 =$

b) $(x^2 - 25) - 2(5 - x)(x + 6) =$

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

Solutions:

a) $-(x + 5)(5x - 1)$

b) $(x + 5)(3x - 17)$

c) $3(x + 1)^2$