

**FA194 Mélange**

Effectue et réduis.

a)  $2a(a + b) =$  \_\_\_\_\_

b)  $10y - y =$  \_\_\_\_\_

c)  $(2x - y)^2 =$  \_\_\_\_\_

d)  $(3x - 2)(y + 1) =$  \_\_\_\_\_

e)  $(3a - 2b) - (3a + 2b) =$  \_\_\_\_\_

f)  $(x + y + 1)^2 =$  \_\_\_\_\_

g)  $(4x^2 \cdot 5y)^2 =$  \_\_\_\_\_

h)  $(4u - 2)(v + 3) =$  \_\_\_\_\_

i)  $(2m - 2n)^2 =$  \_\_\_\_\_

j)  $x^2(x - y)(x + y) =$  \_\_\_\_\_

k)  $(a + b + c)^2 =$  \_\_\_\_\_

l)  $(3x - 5y)(5x + 3y) =$  \_\_\_\_\_

m)  $(25x + 10y)(10y - 25x) =$  \_\_\_\_\_

n)  $0,5(2a + b)^2 =$  \_\_\_\_\_

o)  $(a - 1 + b)^2 =$  \_\_\_\_\_

p)  $(6x - 1)^2 - (x + 8)^2 =$  \_\_\_\_\_

q)  $15x - 5x \cdot (9 - 11x) =$  \_\_\_\_\_

r)  $(4 - 3x) \cdot (7x + 6) + (14x - 2) \cdot (1 - x) =$  \_\_\_\_\_