

**FA213 Le facteur sonne toujours deux fois**

Factorise si possible.

a)  $a^2 + 2ab + b^2 =$  \_\_\_\_\_

b)  $9x^2 + 36 + 36x =$  \_\_\_\_\_

c)  $16x^2 - 8xy + y^2 =$  \_\_\_\_\_

d)  $25x^2 + 9y^2 - 30xy =$  \_\_\_\_\_

e)  $a^2 - 81 =$  \_\_\_\_\_

f)  $64x^2 - 36y^2 =$  \_\_\_\_\_

g)  $a^2 - 25 + 10a =$  \_\_\_\_\_

h)  $100a^2 - 144b^2 + 240ab =$  \_\_\_\_\_

i)  $\frac{4}{9}x^2 + xy + \frac{9}{16}y^2 =$  \_\_\_\_\_

j)  $144a^2 + 25y^2 =$  \_\_\_\_\_

k)  $4x^2 + 24x - 36 =$  \_\_\_\_\_

l)  $-36c^2 + 81d^2 =$  \_\_\_\_\_

m)  $50x^2 - 200y^2 =$  \_\_\_\_\_

n)  $145a^2 + 60ab + 20b^2 =$  \_\_\_\_\_

o)  $49x^2 + 21x + 9 =$  \_\_\_\_\_