



## FACTORIZATION – QUADRATIC EQUATIONS

## Exercise 3.4

Factorize the expressions below by observing carefully common terms or numbers:

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a) *12ab*+6*a*+2*b*+4

b)  $x^2 + 4x + 8 + 2x$ 

c)  $2a + 6a^2 + 3 + 9a$ 

d)  $15t + 6t^2 + 10 + 4t$ 

e)  $x^2 - 3x + 14x - 12$ 

f)  $12g - 9 + 8y^2 - 6y$