

National 5 Homework – Expressions and Formulae

FACTORISING an ALGEBRAIC EXPRESSION

Factorise each expression in the following:

2. (a) $x^2 + 10x + 25$ (b) $x^2 - 10x - 24$ (c) $k^2 + 5k - 6$
 (6)

3. (a) $12a^2 + 7a - 12$ (b) $7w^2 - 2w - 9$ (c) $4x^2 - 11x + 6$
 (6)

4. (a) $12x^2 + 16x + 4$ (b) $3m^2 - 6m - 9$ (c) $3 - 3x - 36x^2$
(6)

25 marks