**Manipulating Negative Quadratics**

Factorise:

(a) $15+2x-x^{2}$

(b) $15-2x-x^{2}$

(c) $10+3x-x^{2}$

(d) $10+9x-x^{2}$

(e) $36+9x-x^{2}$

(f) $36-16x-x^{2}$

Complete the square:

(a) $7+2x-x^{2}$

(b) $10-2x-x^{2}$

(c) $12+6x-x^{2}$

(d) $15-10x-x^{2}$

(e) $14+3x-x^{2}$

(f) $9-5x-x^{2}$

Factorise:

(a) $3+5x-2x^{2}$

(b) $3-5x-2x^{2}$

(c) $5-9x-2x^{2}$

(d) $10-x-2x^{2}$

Write in the format $c-a(x+b)^{2}$

(a) $8+4x-2x^{2}$

(b) $11-8x-2x^{2}$

(c) $12+6x-3x^{2}$

(d) $5-12x-3x^{2}$

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