**Factorising Harder Quadratics**

Factorise:

(a) $2x^{2}+7x+3$ (b) $3x^{2}+8x+5$

(c) $2x^{2}+5x+2$ (d) $7x^{2}+8x+1$

(e) $6x^{2}+13x+5$ (f) $4x^{2}+12x+9$

(g) $3x^{2}+13x+4$ (h) $8x^{2}+14x+3$

Factorise:

(a) $16x^{2}-8x+1$ (b) $6x^{2}-7x+2$

(c) $3x^{2}-13x+4$ (d) $7x^{2}-23x+6$

(e) $4x^{2}-7x+3$ (f) $6x^{2}-31x+5$

(g) $12x^{2}-8x+1$ (h) $9x^{2}-9x+2$

Factorise:

(a) $2x^{2}-x-6$ (b) $3x^{2}+11x-4$

(c) $5x^{2}-3x-2$ (d) $4x^{2}-4x-15$

(e) $7x^{2}+5x-2$ (f) $6x^{2}+7x-5$

(g) $8x^{2}-2x-3$ (h) $9x^{2}+6x-8$

Factorise

(a) $3x^{2}+19x+20$

(b) $4x^{2}-23x+15$

(c) $7x^{2}-19x-6$

(d) $3x^{2}-8x-60$

(e) $9x^{2}+48x+28$

(f) $2x^{2}-21x+52$

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