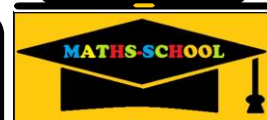


Name:

Factorising quadratics with coefficients of x^2 greater than 1

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Solve the following equations by factorising:

a) $2x^2 + 14x + 12 = 0$

g) $2x^2 + 5x + 3 = 0$

b) $5x^2 - 15x - 50 = 0$

h) $2x^2 + 7x + 6 = 0$

c) $3x^2 - 30x + 72 = 0$


i) $2x^2 - 11x + 12 = 0$

d) $2x^2 + 18x + 28 = 0$

j) $8x^2 - 6x + 1 = 0$

e) $4x^2 - 16x - 180 = 0$

k) $2x^2 + 3x - 9 = 0$

 Exam question:Solve the following equation by factorising: $8x^2 - 6x + 10 = 9$ 