

Name: _____



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Solve the following quadratic equations, leaving your solutions in exact form

a) $x^2 + 6x + 1 = 0$

d) $x^2 + 6x - 1 = 0$

c) $x^2 - 8x + 2 = 0$

b) $x^2 + 4x - 2 = 0$

e) $x^2 - 4x - 3 = 0$

f) $x^2 - 10x - 5 = 0$

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

h) $x^2 - 5x - 1 = 0$


i) $x^2 + 7x - 7 = 0$

Solve the following quadratic equations, leaving your solutions in exact form

j) $3x^2 - 12x + 4 = 0$

k) $4x^2 - 14x + 3 = 0$

l) $5x^2 + 15x - 2 = 0$

 Exam question:Solve $x^2 + 8x + 6 = 0$, leaving your answer in the form $b \pm \sqrt{a}$ 