COMPLETING THE SQUARE FOR NON-MONIC EQUATIONS

Complete the square to solve the following quadratic equations, giving your answers in surd form.

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

2 $2x^2 + 6x - 5 = 0$

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

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10 $4x^2 + 4x - 5 = 0$ **11** $2x^2 - 5x = 9$ **12** $3x^2 - 2x - 2 = 0$