Algebra lesson 11 quiz

1. Factorise and solve the following equations:

a) $x^2 + 5x + 6 = 0$

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

c) $3x^2 + 11x - 20 = 0$

2. Use the quadratic formula to solve the above equations. See if you get the same answer.

Quadratic formula: if $0 = ax^2 + bx + c$ then $x = \dfrac{-b \pm \sqrt{b^2 - 4ac}}{2a}$