Mathematics Assignment - Algebra

1. Solve the quadratic equation: $x^2 + 5x + 6 = 0$

2. Factor the expression: $2x^2 - 7x + 3$

3. Find the value of x: $3(x + 2) = 21$

4. Simplify: $(2x + 3)(x - 4)$

5. Solve the system of equations:

   $y = 2x + 1$

   $y = -x + 7$