1. Write down the quadratic formula.

2. Use the quadratic formula to solve the following:
   a) \( x^2 + 5x - 2 = 0 \)
   b) \( -2x^2 + 2x + 1 \)

3. Using your results in question 2 sketch:
   a) \( x^2 + 5x - 2 = 0 \)
   b) \( -2x^2 + 2x + 1 \)