Math 60 - Additional problems for section 3.5

Solve by the quadratic formula:

1. \( x^2 + 3x - 10 = 0 \)
2. \( x^2 - 4x - 30 = 0 \)
3. \( 4x^2 + 8x - 3 = 0 \)
4. \( 4x^2 + 20x + 9 = 0 \)
5. \( 3x(x + 4) = x + 4 \)
6. \( (2x - 3)(x - 1) = 3 \)