1. Complete the following problems from the textbook:
   - Section 1.6: 1bf, 6, 7, 17b, 20, 21, 25c
   - Section 1.8: 5, 7bd, 8bd, 10ac, 12, 13, 15, 16, 23e

2. Show that for an arbitrary real-valued square matrix $A$, the matrix $B = A + A^T$ is symmetric.