HW 2 Solutions

1. Branches: 6
   Node: 4

2. \( V_1 = 70V \)
   \( V_2 = 10V \)
   \( V_3 = 60V \)

3. \( V_1 = 2V \)
   \( V_2 = -22V \)
   \( V_3 = 10V \)

4. \( V_x = \frac{25}{6} = 4.17V \)

5. \( I(\text{from a to b}) = 0.43mA. \)
   \( I(\text{from d to c}) = 43mA \)
   \( VC = 3.55V \)