1. Suppose \( f: \mathbb{R} \to \mathbb{R} \) and \( c \in \mathbb{R} \). Define “\( f \) is continuous at \( c \in \mathbb{R} \).”

2. Suppose \( f: \mathbb{R} \to \mathbb{R} \) and \( c \in \mathbb{R} \). State a sequential criterion which is equivalent to “\( f \) is continuous at \( c \in \mathbb{R} \).”

3. Suppose \( A \) is a subset of \( \mathbb{R} \). Define “\( c \) is a cluster point of \( A \).”

4. Define “\((x_n)\) is a Cauchy sequence.”

5. Define “An infinite series \( \sum_{j=1}^{\infty} a_j \) converges and its sum is \( L \).”