Union (of sets) Examples with SimBraille

1. A union B is written

   $A \cup B$

   ⠠⠁ ⠨⠡ ⠠⠃

2. C union D equals the set with the elements one, two, three, four, and five is written

   $C \cup D = \{1, 2, 3, 4, 5\}$

   ⠠⠉ ⠨⠡ ⠠⠙ ⠀⠐⠶⠀ ⠐⠦⠼⠁⠂ ⠼⠃⠂ ⠼⠉⠂ ⠼⠙⠂ ⠼⠑⠐⠴

3. A union B equals the set of all x such that x is an element of A or x is an element of B is written

   $A \cup B = \{x : x \in A \, or \, x \in B\}$

   ⠠⠁ ⠨⠡ ⠠⠃ ⠀⠐⠶

   ⠀⠀⠐⠦⠭⠒ ⠭ ⠈⠑ ⠠⠁ ⠕⠗ ⠭ ⠈⠑ ⠠⠃⠐⠴