

$\Omega$

$$B \subseteq A$$

$A$

$B$

A Venn diagram illustrating the relationship between two sets, A and B. The diagram is contained within a square frame labeled  $\Omega$  in the top-left corner. It consists of two concentric circles. The outer circle is blue and labeled  $A$  in blue text just above its top edge. The inner circle is red and labeled  $B$  in red text just above its top edge. The red circle is entirely contained within the blue circle, representing the subset relation  $B \subseteq A$ , which is also written in black text above the circles.