

$A$

$B$

$A \cup B$



A Venn diagram consisting of two overlapping circles. The left circle is labeled  $A$  and the right circle is labeled  $B$ . Both circles are filled with a light pink color. The intersection of the two circles is also shaded pink. The label  $A \cup B$  is written in red text within the right circle, representing the union of the two sets.