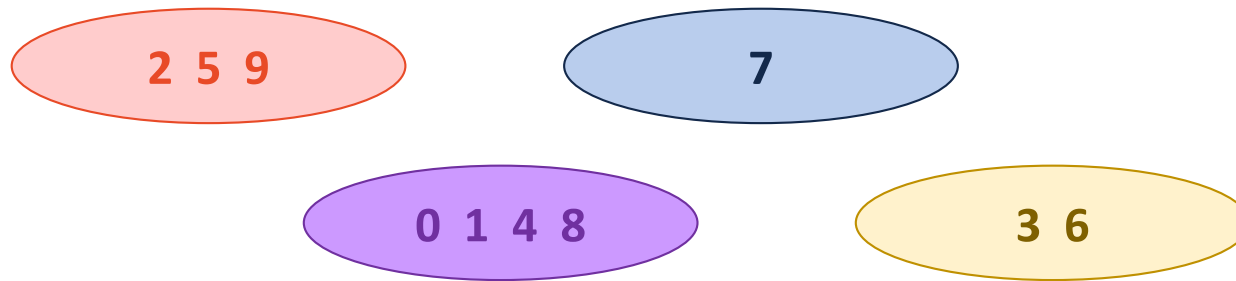


Disjoint Sets



Key Ideas:

- Each element exists in exactly one set.
- Every set is an equitant representation.
 - Mathematically: $4 \in [0]_R \rightarrow 8 \in [0]_R$
 - Programmatically: `find(4) == find(8)`