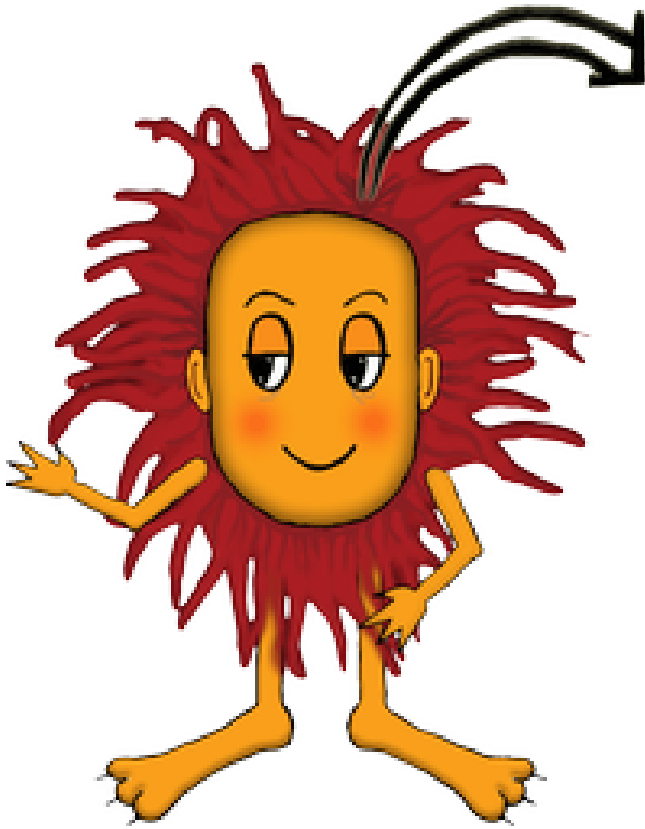


Velika logična pošast



Unija, presek, razlika

Pri danih množicah A in B izračunaj unijo, presek in razliki.

## 1.

A	B	$A \cup B$	$A \cap B$	$A - B$	$B - A$
{4, 8, 9, 2, 10}	{3, 6, 7, 2, 5}				
{10, 7, 3, 2, 1}	{1, 10, 4, 8, 7}				
{6, 3, 5, 9, 10}	{1, 8, 3, 5, 6}				
{6, 3, 9, 7, 10}	{7, 3, 2, 6, 1}				
{6, 8, 9, 3, 7}	{1, 4, 10, 7, 2}				
{4, 6, 2, 5, 1}	{9, 4, 7, 8, 3}				
{1, 4, 9, 10, 8}	{9, 5, 6, 8, 3}				
{2, 1, 4, 6, 10}	{6, 9, 8, 7, 4}				
{10, 3, 6, 5, 7}	{1, 3, 8, 9, 2}				
{6, 1, 7, 3, 4}	{6, 3, 9, 2, 8}				
{5, 2, 4, 9, 7}	{10, 5, 8, 1, 6}				
{5, 4, 7, 8, 6}	{1, 10, 9, 3, 5}				
{6, 9, 5, 1, 2}	{3, 8, 1, 2, 10}				
{9, 5, 7, 3, 8}	{6, 10, 7, 5, 2}				
{5, 8, 9, 2, 7}	{8, 4, 2, 6, 10}				
{9, 1, 6, 3, 8}	{3, 7, 2, 1, 9}				
{3, 1, 4, 10, 6}	{7, 3, 2, 6, 9}				
{6, 9, 3, 2, 8}	{5, 4, 10, 2, 3}				
{2, 1, 8, 10, 6}	{8, 2, 9, 5, 3}				
{2, 8, 7, 1, 6}	{10, 7, 1, 2, 3}				
{1, 4, 8, 2, 3}	{3, 8, 9, 4, 1}				
{5, 3, 4, 9, 6}	{8, 4, 9, 2, 7}				
{5, 9, 10, 3, 1}	{6, 9, 7, 4, 5}				
{10, 2, 5, 8, 9}	{8, 2, 7, 10, 4}				
{2, 1, 10, 5, 8}	{4, 1, 9, 10, 6}				
{2, 5, 1, 3, 10}	{10, 5, 3, 4, 1}				
{7, 1, 8, 9, 4}	{5, 4, 8, 1, 7}				
{10, 3, 4, 7, 8}	{5, 9, 3, 2, 1}				
{4, 10, 2, 6, 5}	{4, 10, 6, 9, 2}				
{2, 3, 9, 1, 6}	{4, 10, 5, 9, 2}				

2.

A	B	$A \cup B$	$A \cap B$	$A - B$	$B - A$
{1, 8, 3, 4, 2}	{10, 7, 1, 9, 3}				
{8, 1, 3, 9, 10}	{10, 1, 2, 5, 4}				
{10, 6, 3, 7, 4}	{4, 1, 3, 10, 7}				
{8, 7, 3, 4, 6}	{9, 6, 7, 5, 1}				
{5, 6, 4, 10, 8}	{6, 9, 5, 4, 2}				
{7, 4, 3, 8, 2}	{5, 3, 9, 2, 7}				
{3, 5, 7, 10, 6}	{10, 4, 2, 7, 9}				
{8, 9, 1, 6, 5}	{1, 8, 6, 2, 3}				
{8, 3, 1, 5, 4}	{6, 1, 5, 7, 10}				
{9, 8, 1, 4, 2}	{3, 8, 4, 5, 9}				
{2, 5, 7, 9, 8}	{9, 8, 4, 2, 6}				
{2, 4, 10, 6, 3}	{8, 6, 3, 1, 4}				
{3, 10, 9, 5, 4}	{8, 5, 10, 7, 1}				
{7, 10, 9, 4, 1}	{1, 4, 2, 9, 10}				
{7, 2, 4, 6, 8}	{7, 5, 2, 9, 4}				
{2, 3, 8, 7, 4}	{5, 2, 3, 1, 9}				
{3, 6, 5, 8, 9}	{5, 7, 1, 8, 10}				
{1, 3, 5, 7, 6}	{3, 2, 9, 1, 4}				
{10, 3, 1, 4, 6}	{2, 1, 8, 10, 9}				
{7, 4, 2, 9, 10}	{10, 9, 5, 1, 2}				
{1, 2, 10, 7, 9}	{5, 4, 8, 1, 6}				
{5, 9, 6, 10, 7}	{10, 5, 6, 3, 8}				
{5, 10, 7, 3, 9}	{3, 4, 6, 7, 1}				
{5, 2, 8, 3, 7}	{3, 2, 1, 10, 5}				
{5, 9, 4, 8, 1}	{8, 7, 3, 1, 2}				
{7, 9, 8, 1, 2}	{2, 8, 10, 9, 5}				
{8, 6, 7, 1, 10}	{10, 8, 6, 7, 3}				
{2, 5, 4, 1, 9}	{4, 8, 3, 1, 2}				
{4, 8, 10, 2, 6}	{1, 4, 5, 10, 6}				
{3, 8, 9, 6, 10}	{1, 2, 4, 6, 9}				

## 3.

A	B	$A \cup B$	$A \cap B$	$A - B$	$B - A$
{5, 10, 8, 6, 1}	{5, 1, 7, 3, 9}				
{10, 8, 7, 2, 4}	{4, 7, 2, 6, 9}				
{6, 10, 3, 4, 2}	{10, 9, 3, 2, 7}				
{1, 6, 5, 9, 4}	{5, 6, 8, 1, 7}				
{1, 4, 10, 6, 9}	{7, 1, 6, 9, 4}				
{5, 9, 8, 1, 10}	{5, 9, 7, 4, 8}				
{3, 2, 4, 8, 7}	{5, 6, 4, 2, 8}				
{9, 3, 7, 1, 8}	{5, 3, 8, 2, 4}				
{10, 3, 8, 9, 4}	{9, 10, 8, 3, 1}				
{8, 1, 7, 3, 2}	{8, 3, 6, 5, 2}				
{1, 10, 8, 2, 5}	{3, 6, 2, 5, 4}				
{3, 8, 2, 10, 1}	{9, 1, 7, 10, 6}				
{10, 4, 8, 6, 9}	{10, 4, 6, 3, 5}				
{4, 3, 6, 10, 7}	{10, 8, 7, 3, 2}				
{1, 9, 6, 4, 7}	{8, 3, 1, 6, 4}				
{7, 3, 5, 8, 4}	{9, 7, 5, 10, 4}				
{8, 2, 7, 9, 6}	{6, 8, 4, 7, 1}				
{10, 1, 6, 3, 8}	{8, 1, 4, 10, 6}				
{6, 9, 10, 2, 8}	{3, 7, 6, 9, 10}				
{8, 3, 5, 6, 4}	{9, 1, 4, 10, 6}				
{7, 2, 1, 9, 5}	{7, 8, 5, 4, 6}				
{7, 9, 10, 6, 5}	{7, 4, 5, 2, 1}				
{7, 10, 3, 6, 8}	{10, 5, 2, 6, 7}				
{8, 3, 5, 2, 4}	{6, 10, 2, 1, 9}				
{6, 4, 9, 10, 1}	{4, 1, 8, 2, 10}				
{1, 4, 6, 10, 9}	{7, 10, 8, 6, 2}				
{9, 1, 4, 10, 8}	{10, 7, 9, 8, 6}				
{9, 8, 2, 5, 1}	{2, 4, 5, 10, 8}				
{8, 9, 6, 2, 5}	{6, 9, 4, 1, 7}				
{4, 5, 8, 10, 3}	{4, 6, 3, 2, 8}				

## 4.

A	B	$A \cup B$	$A \cap B$	$A - B$	$B - A$
{3, 4, 2, 7, 10}	{2, 3, 8, 1, 10}				
{2, 4, 6, 8, 5}	{2, 5, 8, 4, 9}				
{7, 2, 10, 4, 5}	{4, 1, 5, 8, 3}				
{6, 7, 4, 2, 3}	{9, 4, 2, 3, 10}				
{9, 8, 5, 2, 3}	{1, 10, 7, 8, 2}				
{3, 9, 6, 5, 10}	{2, 9, 6, 5, 10}				
{7, 2, 9, 6, 8}	{9, 10, 4, 7, 1}				
{8, 3, 7, 10, 4}	{7, 8, 10, 5, 2}				
{5, 4, 10, 3, 2}	{6, 4, 7, 5, 9}				
{10, 9, 4, 8, 1}	{3, 10, 6, 4, 9}				
{4, 7, 8, 3, 9}	{3, 7, 1, 8, 2}				
{7, 6, 9, 1, 2}	{5, 10, 1, 6, 7}				
{8, 6, 9, 3, 4}	{8, 1, 2, 7, 5}				
{9, 6, 2, 1, 7}	{4, 3, 6, 5, 7}				
{4, 2, 8, 5, 6}	{4, 2, 3, 10, 8}				
{2, 7, 10, 1, 8}	{9, 5, 6, 2, 10}				
{1, 3, 7, 5, 9}	{6, 9, 7, 5, 8}				
{4, 8, 3, 10, 9}	{10, 8, 1, 5, 7}				
{9, 10, 8, 1, 4}	{3, 2, 1, 9, 6}				
{5, 10, 8, 4, 6}	{4, 8, 2, 6, 1}				
{7, 2, 1, 4, 9}	{10, 4, 6, 8, 3}				
{4, 1, 7, 3, 10}	{8, 3, 2, 10, 1}				
{10, 5, 9, 7, 1}	{3, 8, 6, 10, 2}				
{3, 9, 7, 10, 4}	{3, 8, 7, 4, 10}				
{6, 8, 10, 9, 7}	{6, 8, 3, 7, 5}				
{1, 8, 4, 5, 6}	{1, 9, 4, 2, 7}				
{7, 8, 10, 2, 3}	{1, 10, 8, 5, 6}				
{2, 3, 4, 7, 1}	{4, 3, 5, 8, 10}				
{4, 2, 3, 9, 7}	{1, 6, 10, 7, 2}				
{1, 10, 3, 2, 5}	{5, 8, 6, 7, 1}				

## 5.

A	B	$A \cup B$	$A \cap B$	$A - B$	$B - A$
{5, 7, 1, 10, 2}	{3, 7, 9, 2, 6}				
{4, 6, 3, 7, 9}	{4, 5, 6, 10, 9}				
{1, 5, 2, 7, 9}	{5, 4, 1, 9, 2}				
{9, 2, 7, 3, 5}	{1, 6, 7, 3, 2}				
{1, 10, 4, 9, 5}	{2, 6, 7, 5, 3}				
{1, 3, 9, 7, 4}	{1, 3, 9, 7, 6}				
{8, 7, 2, 3, 4}	{7, 4, 8, 1, 6}				
{5, 8, 1, 4, 6}	{6, 10, 8, 4, 3}				
{10, 5, 4, 2, 3}	{2, 10, 6, 9, 3}				
{4, 7, 1, 2, 9}	{6, 9, 10, 5, 4}				
{7, 1, 6, 10, 5}	{8, 4, 9, 3, 2}				
{9, 8, 7, 1, 2}	{10, 3, 4, 2, 7}				
{1, 9, 2, 7, 5}	{10, 8, 3, 9, 7}				
{9, 2, 1, 6, 5}	{5, 8, 3, 9, 1}				
{8, 4, 5, 7, 1}	{5, 4, 7, 2, 10}				
{3, 2, 4, 6, 1}	{5, 6, 7, 4, 8}				
{3, 6, 1, 2, 7}	{10, 3, 7, 1, 2}				
{4, 9, 2, 1, 8}	{6, 5, 2, 4, 7}				
{5, 8, 4, 3, 9}	{3, 6, 4, 10, 7}				
{1, 4, 8, 10, 6}	{1, 4, 6, 2, 8}				
{3, 7, 4, 8, 9}	{10, 3, 5, 4, 9}				
{9, 8, 1, 5, 6}	{5, 7, 3, 6, 9}				
{1, 3, 6, 5, 2}	{1, 9, 2, 7, 10}				
{1, 6, 8, 2, 7}	{3, 4, 6, 7, 5}				
{10, 7, 5, 4, 9}	{5, 6, 3, 2, 9}				
{4, 3, 5, 1, 8}	{2, 1, 4, 9, 3}				
{3, 10, 7, 1, 2}	{7, 6, 4, 5, 2}				
{10, 9, 5, 6, 1}	{10, 9, 1, 5, 4}				
{6, 9, 3, 1, 10}	{10, 9, 8, 3, 7}				
{3, 4, 8, 6, 10}	{8, 6, 7, 10, 1}				

## 6.

A	B	$A \cup B$	$A \cap B$	$A - B$	$B - A$
{9, 6, 8, 10, 4}	{3, 4, 10, 6, 2}				
{2, 8, 6, 4, 3}	{6, 2, 1, 7, 4}				
{1, 5, 9, 2, 8}	{3, 7, 6, 5, 4}				
{4, 9, 3, 5, 8}	{7, 6, 4, 10, 9}				
{2, 5, 1, 3, 9}	{9, 8, 7, 4, 10}				
{7, 6, 3, 10, 2}	{8, 4, 10, 2, 7}				
{8, 10, 5, 3, 4}	{1, 6, 2, 8, 4}				
{1, 5, 2, 3, 8}	{3, 5, 4, 1, 9}				
{9, 8, 3, 1, 2}	{4, 10, 5, 8, 7}				
{10, 7, 6, 9, 3}	{8, 4, 9, 3, 6}				
{4, 3, 2, 9, 1}	{7, 2, 1, 6, 9}				
{9, 6, 3, 2, 4}	{4, 6, 3, 9, 10}				
{8, 4, 2, 3, 10}	{1, 6, 2, 4, 5}				
{5, 8, 7, 3, 9}	{6, 2, 9, 8, 5}				
{2, 4, 8, 9, 6}	{10, 4, 8, 9, 6}				
{1, 7, 5, 3, 6}	{8, 7, 5, 10, 6}				
{2, 6, 5, 9, 1}	{1, 7, 8, 3, 4}				
{1, 9, 7, 10, 2}	{6, 1, 3, 4, 2}				
{7, 1, 3, 9, 8}	{8, 3, 9, 5, 2}				
{6, 8, 7, 4, 2}	{7, 5, 8, 4, 3}				
{2, 5, 4, 1, 9}	{5, 3, 8, 1, 2}				
{9, 10, 4, 8, 5}	{1, 5, 10, 3, 9}				
{5, 2, 1, 4, 8}	{9, 6, 10, 4, 8}				
{2, 9, 4, 3, 1}	{3, 8, 10, 5, 1}				
{1, 5, 2, 10, 4}	{5, 8, 9, 4, 2}				
{4, 7, 2, 10, 8}	{7, 6, 4, 10, 3}				
{10, 4, 6, 9, 2}	{9, 4, 7, 6, 8}				
{8, 2, 1, 4, 7}	{2, 8, 3, 6, 4}				
{8, 10, 2, 4, 3}	{9, 7, 10, 8, 6}				
{3, 8, 5, 10, 1}	{6, 5, 2, 4, 10}				

7.

A	B	$A \cup B$	$A \cap B$	$A - B$	$B - A$
{1, 6, 7, 9, 3}	{3, 10, 5, 6, 2}				
{8, 5, 3, 4, 10}	{6, 3, 10, 7, 9}				
{9, 1, 3, 4, 8}	{10, 9, 3, 6, 2}				
{4, 2, 1, 6, 3}	{4, 8, 1, 2, 9}				
{10, 3, 6, 5, 9}	{5, 7, 8, 2, 9}				
{10, 1, 3, 6, 9}	{9, 4, 2, 3, 7}				
{2, 5, 9, 4, 1}	{4, 9, 3, 8, 1}				
{9, 7, 2, 4, 5}	{1, 3, 9, 5, 8}				
{8, 2, 1, 10, 7}	{3, 10, 9, 4, 1}				
{4, 6, 10, 2, 8}	{7, 10, 2, 5, 3}				
{8, 5, 4, 7, 10}	{9, 3, 5, 7, 8}				
{9, 2, 10, 8, 3}	{6, 4, 3, 9, 10}				
{2, 1, 4, 6, 3}	{2, 4, 5, 7, 3}				
{9, 2, 6, 5, 7}	{6, 3, 9, 2, 4}				
{9, 5, 4, 10, 2}	{3, 9, 10, 1, 7}				
{6, 2, 4, 7, 10}	{1, 10, 7, 9, 6}				
{8, 2, 6, 9, 7}	{7, 6, 8, 9, 10}				
{1, 9, 6, 7, 2}	{3, 9, 7, 5, 2}				
{3, 7, 9, 1, 2}	{5, 7, 6, 3, 10}				
{1, 10, 9, 4, 6}	{9, 1, 7, 4, 6}				
{4, 8, 5, 1, 10}	{4, 1, 9, 6, 8}				
{5, 10, 1, 8, 6}	{3, 6, 2, 9, 4}				
{3, 9, 6, 8, 10}	{6, 7, 4, 10, 5}				
{5, 9, 8, 1, 10}	{9, 10, 6, 2, 8}				
{2, 7, 8, 3, 4}	{4, 10, 1, 6, 8}				
{9, 1, 2, 3, 4}	{5, 8, 2, 4, 10}				
{5, 9, 8, 1, 3}	{5, 2, 4, 6, 3}				
{5, 2, 8, 3, 9}	{5, 10, 4, 1, 9}				
{6, 4, 7, 9, 8}	{4, 10, 2, 9, 6}				
{2, 10, 4, 5, 1}	{6, 3, 5, 8, 7}				



## 8.

A	B	$A \cup B$	$A \cap B$	$A - B$	$B - A$
{2, 9, 8, 1, 7}	{5, 6, 2, 9, 7}				
{10, 7, 6, 1, 2}	{4, 9, 10, 5, 6}				
{3, 7, 5, 4, 8}	{4, 2, 5, 6, 1}				
{7, 9, 4, 1, 10}	{10, 4, 6, 2, 7}				
{10, 1, 7, 6, 9}	{10, 9, 3, 5, 7}				
{1, 9, 6, 5, 10}	{5, 10, 6, 9, 1}				
{5, 1, 4, 6, 2}	{5, 1, 10, 8, 2}				
{3, 7, 2, 8, 4}	{9, 4, 3, 7, 2}				
{6, 8, 10, 4, 3}	{2, 10, 7, 8, 4}				
{10, 2, 9, 4, 7}	{2, 9, 3, 7, 4}				
{7, 9, 2, 1, 8}	{10, 2, 5, 8, 4}				
{5, 6, 2, 10, 4}	{9, 8, 5, 1, 7}				
{1, 3, 8, 6, 4}	{6, 2, 10, 9, 4}				
{3, 2, 8, 7, 5}	{8, 10, 4, 5, 7}				
{8, 5, 2, 10, 1}	{10, 4, 8, 5, 3}				
{4, 2, 3, 7, 8}	{1, 3, 2, 5, 9}				
{7, 6, 8, 10, 9}	{5, 2, 6, 10, 4}				
{9, 3, 4, 5, 10}	{10, 7, 6, 3, 9}				
{4, 5, 10, 7, 1}	{5, 10, 2, 3, 9}				
{6, 9, 8, 2, 1}	{6, 3, 10, 7, 5}				
{8, 2, 7, 10, 9}	{1, 6, 10, 4, 3}				
{4, 9, 1, 7, 2}	{10, 2, 9, 4, 1}				
{5, 3, 1, 8, 2}	{2, 1, 9, 10, 7}				
{2, 3, 7, 9, 4}	{10, 8, 9, 5, 2}				
{5, 8, 3, 2, 4}	{6, 7, 10, 5, 8}				
{8, 10, 4, 3, 6}	{6, 10, 2, 7, 4}				
{5, 4, 7, 9, 6}	{6, 3, 4, 7, 8}				
{9, 7, 8, 3, 5}	{8, 5, 2, 10, 6}				
{2, 9, 5, 1, 4}	{5, 10, 6, 7, 9}				
{2, 7, 5, 6, 1}	{3, 9, 6, 2, 7}				

9.

A	B	$A \cup B$	$A \cap B$	$A - B$	$B - A$
{5, 2, 8, 1, 4}	{10, 4, 1, 2, 8}				
{8, 3, 1, 2, 10}	{10, 9, 8, 7, 2}				
{1, 9, 3, 7, 10}	{3, 8, 2, 5, 10}				
{8, 10, 6, 3, 2}	{1, 2, 4, 10, 7}				
{1, 3, 4, 2, 6}	{8, 4, 3, 6, 9}				
{7, 4, 10, 3, 2}	{3, 9, 1, 8, 6}				
{6, 5, 4, 1, 2}	{3, 10, 5, 8, 4}				
{2, 3, 7, 5, 1}	{1, 3, 8, 2, 10}				
{1, 8, 4, 6, 3}	{8, 5, 9, 10, 3}				
{5, 2, 8, 3, 7}	{2, 7, 3, 5, 10}				
{8, 4, 10, 1, 2}	{8, 5, 4, 1, 10}				
{1, 2, 9, 7, 3}	{6, 9, 4, 2, 7}				
{4, 5, 6, 10, 2}	{3, 1, 8, 5, 7}				
{8, 7, 2, 5, 4}	{3, 10, 8, 6, 1}				
{9, 7, 8, 6, 10}	{4, 3, 9, 6, 5}				
{10, 3, 5, 7, 9}	{8, 7, 5, 2, 9}				
{3, 5, 10, 9, 6}	{7, 10, 9, 5, 1}				
{3, 9, 1, 6, 4}	{9, 1, 8, 5, 10}				
{7, 5, 3, 9, 8}	{8, 3, 7, 5, 10}				
{9, 6, 3, 4, 7}	{2, 8, 10, 9, 6}				
{9, 2, 8, 6, 7}	{6, 7, 3, 2, 8}				
{4, 10, 8, 2, 9}	{4, 1, 2, 5, 3}				
{5, 8, 4, 3, 9}	{2, 7, 4, 3, 6}				
{10, 1, 7, 5, 3}	{8, 4, 2, 5, 7}				
{5, 6, 10, 4, 3}	{2, 3, 9, 10, 4}				
{2, 8, 4, 10, 9}	{9, 6, 1, 5, 2}				
{7, 4, 2, 5, 10}	{3, 8, 2, 5, 6}				
{3, 2, 5, 1, 6}	{6, 5, 10, 3, 7}				
{5, 7, 8, 9, 6}	{3, 6, 10, 1, 8}				
{9, 10, 1, 6, 8}	{8, 9, 7, 10, 4}				

## 10.

A	B	$A \cup B$	$A \cap B$	$A - B$	$B - A$
{7, 4, 2, 10, 1}	{6, 7, 5, 3, 1}				
{4, 5, 8, 7, 3}	{5, 4, 1, 9, 8}				
{1, 10, 7, 6, 3}	{2, 6, 9, 10, 8}				
{4, 5, 8, 6, 1}	{1, 4, 7, 3, 9}				
{1, 8, 10, 5, 4}	{5, 9, 1, 10, 6}				
{10, 4, 6, 5, 2}	{1, 3, 5, 4, 8}				
{7, 4, 1, 10, 3}	{8, 5, 1, 7, 4}				
{7, 8, 10, 6, 3}	{7, 1, 5, 4, 2}				
{8, 3, 1, 6, 5}	{5, 8, 9, 1, 3}				
{10, 4, 8, 9, 2}	{9, 7, 5, 8, 2}				
{4, 9, 2, 5, 1}	{6, 3, 7, 10, 8}				
{9, 3, 10, 6, 7}	{1, 10, 3, 2, 8}				
{6, 10, 7, 9, 1}	{7, 4, 1, 2, 6}				
{5, 6, 9, 1, 10}	{8, 2, 1, 9, 3}				
{1, 4, 6, 9, 10}	{6, 1, 10, 3, 9}				
{3, 7, 9, 8, 5}	{9, 3, 6, 10, 1}				
{10, 3, 1, 9, 7}	{1, 8, 9, 2, 7}				
{9, 4, 10, 3, 6}	{9, 10, 2, 7, 5}				
{9, 2, 4, 3, 8}	{6, 8, 1, 4, 9}				
{2, 5, 8, 10, 4}	{7, 1, 8, 10, 5}				
{5, 4, 3, 6, 9}	{10, 5, 3, 8, 7}				
{2, 6, 9, 4, 8}	{4, 1, 7, 3, 9}				
{10, 8, 1, 2, 7}	{5, 10, 7, 2, 6}				
{3, 5, 2, 10, 6}	{5, 9, 4, 3, 6}				
{7, 2, 8, 9, 3}	{5, 1, 7, 4, 6}				
{1, 6, 3, 2, 9}	{8, 7, 2, 6, 5}				
{9, 5, 7, 4, 1}	{8, 1, 5, 9, 6}				
{9, 1, 7, 5, 2}	{10, 4, 1, 5, 2}				
{3, 5, 1, 10, 7}	{10, 6, 2, 5, 1}				
{2, 9, 4, 7, 6}	{4, 2, 3, 9, 5}				

## 11.

A	B	$A \cup B$	$A \cap B$	$A - B$	$B - A$
{10, 4, 2, 9, 6}	{4, 5, 10, 7, 2}				
{5, 3, 6, 7, 1}	{4, 9, 8, 5, 2}				
{10, 1, 4, 5, 6}	{8, 2, 3, 9, 5}				
{1, 4, 9, 8, 3}	{3, 8, 1, 10, 9}				
{5, 6, 2, 4, 8}	{8, 4, 2, 5, 9}				
{9, 2, 6, 10, 8}	{3, 5, 6, 10, 1}				
{5, 2, 6, 10, 4}	{1, 7, 4, 6, 10}				
{4, 9, 10, 2, 7}	{1, 3, 2, 4, 7}				
{2, 10, 1, 5, 8}	{5, 8, 1, 6, 2}				
{9, 10, 6, 3, 4}	{3, 1, 8, 5, 10}				
{2, 6, 7, 9, 5}	{6, 8, 10, 1, 5}				
{6, 2, 8, 3, 4}	{10, 4, 3, 1, 7}				
{6, 1, 9, 5, 3}	{2, 8, 3, 10, 9}				
{3, 6, 8, 1, 2}	{1, 3, 10, 4, 9}				
{10, 3, 2, 4, 7}	{9, 2, 7, 1, 5}				
{1, 8, 4, 3, 6}	{8, 2, 1, 10, 6}				
{5, 2, 7, 3, 9}	{10, 4, 7, 9, 3}				
{8, 2, 10, 6, 5}	{6, 5, 3, 8, 9}				
{1, 8, 10, 7, 6}	{1, 6, 7, 4, 9}				
{7, 6, 8, 2, 3}	{1, 7, 2, 5, 6}				
{7, 4, 1, 8, 3}	{10, 8, 9, 2, 4}				
{3, 4, 9, 6, 5}	{1, 7, 9, 2, 10}				
{2, 10, 9, 8, 3}	{9, 10, 4, 6, 8}				
{1, 10, 6, 5, 3}	{5, 2, 9, 10, 4}				
{5, 8, 4, 6, 9}	{4, 3, 7, 8, 5}				
{9, 5, 3, 8, 2}	{8, 5, 6, 10, 9}				
{6, 9, 1, 4, 5}	{9, 7, 8, 6, 3}				
{6, 8, 10, 4, 9}	{10, 9, 8, 3, 4}				
{7, 8, 2, 6, 4}	{7, 5, 2, 4, 1}				
{8, 3, 10, 9, 1}	{5, 2, 8, 3, 9}				

## 12.

A	B	$A \cup B$	$A \cap B$	$A - B$	$B - A$
{4, 10, 8, 5, 2}	{10, 1, 5, 9, 3}				
{2, 7, 1, 10, 4}	{5, 10, 2, 7, 6}				
{1, 3, 6, 5, 7}	{6, 1, 10, 2, 7}				
{5, 2, 9, 1, 10}	{3, 4, 10, 8, 6}				
{3, 10, 1, 2, 9}	{9, 6, 2, 3, 7}				
{1, 2, 3, 10, 7}	{1, 8, 4, 7, 6}				
{8, 7, 10, 6, 3}	{8, 3, 2, 10, 6}				
{9, 5, 7, 10, 2}	{2, 3, 4, 9, 1}				
{8, 1, 5, 2, 9}	{5, 7, 1, 4, 10}				
{7, 2, 4, 9, 3}	{3, 1, 9, 2, 4}				
{4, 10, 3, 6, 8}	{1, 10, 9, 5, 2}				
{7, 2, 4, 1, 3}	{4, 6, 2, 3, 5}				
{3, 1, 7, 8, 4}	{6, 3, 2, 10, 8}				
{10, 8, 7, 3, 6}	{6, 3, 5, 2, 8}				
{9, 6, 5, 4, 2}	{6, 1, 2, 8, 9}				
{4, 5, 9, 3, 2}	{9, 10, 5, 7, 1}				
{8, 1, 5, 2, 10}	{1, 3, 5, 2, 9}				
{7, 9, 1, 3, 4}	{5, 8, 7, 2, 1}				
{1, 10, 9, 3, 2}	{3, 1, 9, 4, 8}				
{2, 4, 8, 7, 10}	{6, 3, 5, 1, 2}				
{5, 1, 7, 4, 10}	{4, 10, 8, 7, 3}				
{7, 5, 8, 10, 1}	{1, 10, 6, 7, 9}				
{1, 8, 5, 6, 3}	{2, 6, 8, 4, 1}				
{3, 10, 7, 1, 8}	{1, 5, 4, 3, 2}				
{2, 9, 8, 1, 6}	{7, 10, 5, 9, 4}				
{7, 4, 2, 1, 3}	{6, 4, 1, 2, 3}				
{7, 2, 8, 3, 10}	{8, 7, 2, 5, 10}				
{1, 9, 5, 3, 6}	{7, 5, 6, 3, 1}				
{7, 9, 6, 4, 5}	{1, 6, 4, 9, 10}				
{7, 1, 10, 4, 2}	{7, 3, 6, 8, 1}				

## 13.

A	B	$A \cup B$	$A \cap B$	$A - B$	$B - A$
{6, 4, 3, 2, 1}	{7, 3, 1, 6, 10}				
{2, 1, 9, 10, 3}	{9, 5, 3, 10, 7}				
{7, 8, 1, 3, 9}	{9, 10, 3, 8, 6}				
{10, 9, 2, 3, 8}	{3, 4, 1, 6, 2}				
{5, 7, 1, 8, 10}	{4, 8, 9, 2, 6}				
{8, 3, 9, 4, 10}	{10, 8, 7, 4, 6}				
{10, 9, 7, 8, 6}	{8, 7, 3, 10, 4}				
{6, 9, 8, 1, 2}	{6, 4, 8, 2, 7}				
{10, 2, 1, 7, 8}	{7, 2, 3, 9, 1}				
{3, 8, 7, 9, 6}	{5, 6, 3, 8, 7}				
{4, 9, 7, 6, 3}	{6, 5, 1, 3, 7}				
{10, 8, 2, 4, 7}	{5, 6, 4, 2, 7}				
{3, 4, 7, 1, 8}	{2, 9, 7, 8, 1}				
{9, 10, 8, 7, 1}	{2, 3, 6, 1, 5}				
{7, 2, 8, 9, 1}	{6, 1, 7, 2, 5}				
{1, 7, 2, 3, 5}	{9, 8, 10, 5, 1}				
{1, 6, 10, 7, 2}	{5, 3, 7, 4, 1}				
{9, 3, 8, 6, 2}	{3, 9, 4, 10, 2}				
{1, 2, 9, 4, 8}	{1, 6, 10, 7, 2}				
{10, 4, 5, 3, 9}	{8, 5, 9, 4, 1}				
{7, 2, 9, 3, 10}	{10, 4, 9, 6, 7}				
{8, 7, 2, 6, 10}	{10, 5, 8, 7, 1}				
{3, 9, 4, 1, 8}	{9, 7, 8, 10, 4}				
{7, 5, 9, 1, 4}	{10, 7, 3, 4, 9}				
{5, 9, 1, 7, 8}	{7, 8, 3, 10, 5}				
{1, 3, 7, 2, 5}	{4, 6, 3, 9, 5}				
{10, 2, 1, 6, 9}	{2, 10, 6, 1, 8}				
{5, 9, 8, 2, 1}	{9, 1, 10, 7, 4}				
{5, 2, 8, 7, 3}	{1, 5, 10, 4, 7}				
{4, 2, 5, 10, 8}	{6, 8, 10, 1, 2}				

## 14.

A	B	$A \cup B$	$A \cap B$	$A - B$	$B - A$
{6, 5, 10, 8, 4}	{1, 7, 10, 6, 4}				
{10, 1, 4, 9, 5}	{7, 8, 4, 5, 1}				
{8, 3, 1, 9, 7}	{8, 4, 5, 1, 3}				
{10, 9, 6, 8, 4}	{3, 7, 2, 10, 1}				
{4, 8, 2, 1, 3}	{8, 4, 2, 6, 5}				
{4, 7, 5, 1, 10}	{5, 7, 9, 4, 3}				
{8, 5, 3, 4, 7}	{6, 9, 4, 8, 10}				
{3, 5, 4, 9, 2}	{6, 10, 3, 2, 1}				
{9, 5, 1, 4, 10}	{10, 5, 9, 2, 6}				
{8, 5, 1, 3, 7}	{10, 9, 4, 5, 2}				
{7, 9, 5, 8, 2}	{1, 6, 9, 10, 4}				
{9, 7, 5, 3, 8}	{1, 2, 3, 5, 9}				
{9, 5, 6, 10, 7}	{8, 3, 6, 1, 7}				
{2, 1, 7, 3, 8}	{1, 3, 4, 6, 10}				
{4, 6, 7, 9, 5}	{6, 2, 4, 1, 9}				
{2, 7, 8, 1, 9}	{8, 4, 9, 7, 6}				
{8, 9, 7, 5, 4}	{10, 9, 8, 6, 3}				
{6, 9, 10, 4, 1}	{3, 1, 9, 5, 2}				
{4, 1, 7, 2, 9}	{6, 7, 9, 3, 4}				
{10, 5, 8, 9, 4}	{3, 2, 10, 8, 4}				
{7, 8, 4, 2, 3}	{1, 9, 5, 7, 8}				
{5, 8, 1, 2, 9}	{4, 2, 9, 10, 5}				
{8, 4, 1, 7, 9}	{10, 9, 5, 7, 3}				
{7, 5, 3, 9, 4}	{4, 5, 7, 10, 3}				
{5, 3, 1, 8, 7}	{9, 8, 4, 10, 3}				
{3, 2, 9, 7, 10}	{8, 4, 7, 2, 10}				
{2, 5, 9, 7, 6}	{3, 4, 1, 5, 6}				
{8, 7, 3, 6, 4}	{7, 9, 3, 8, 1}				
{5, 6, 1, 7, 9}	{3, 2, 7, 1, 8}				
{3, 5, 7, 6, 4}	{7, 5, 10, 6, 1}				

## 15.

A	B	$A \cup B$	$A \cap B$	$A - B$	$B - A$
{9, 3, 4, 7, 5}	{7, 1, 2, 9, 5}				
{1, 8, 10, 9, 4}	{7, 4, 6, 10, 2}				
{5, 1, 4, 3, 8}	{1, 4, 10, 6, 9}				
{3, 5, 7, 4, 1}	{9, 4, 8, 3, 5}				
{10, 1, 8, 2, 6}	{4, 6, 1, 10, 3}				
{10, 6, 5, 8, 4}	{10, 9, 3, 2, 4}				
{6, 3, 7, 4, 9}	{4, 5, 9, 7, 1}				
{2, 8, 5, 7, 1}	{2, 1, 3, 5, 10}				
{3, 1, 8, 2, 9}	{2, 4, 5, 3, 9}				
{1, 6, 4, 2, 9}	{7, 5, 2, 4, 8}				
{5, 10, 2, 7, 9}	{10, 2, 9, 5, 3}				
{2, 8, 10, 4, 5}	{10, 7, 9, 6, 5}				
{5, 6, 9, 8, 3}	{5, 10, 7, 8, 9}				
{4, 5, 2, 1, 9}	{2, 5, 9, 1, 6}				
{5, 2, 7, 4, 1}	{6, 10, 9, 3, 2}				
{5, 7, 3, 9, 6}	{3, 7, 8, 4, 1}				
{10, 6, 8, 3, 7}	{10, 9, 8, 2, 6}				
{3, 6, 8, 4, 2}	{6, 7, 4, 2, 8}				
{5, 4, 7, 10, 3}	{4, 9, 8, 2, 6}				
{9, 6, 10, 1, 7}	{2, 1, 4, 9, 6}				
{4, 1, 2, 7, 5}	{10, 3, 1, 6, 2}				
{5, 3, 4, 7, 10}	{5, 3, 1, 6, 8}				
{8, 6, 7, 10, 9}	{2, 10, 3, 8, 4}				
{3, 1, 10, 8, 6}	{3, 1, 7, 9, 6}				
{1, 4, 7, 9, 2}	{3, 1, 6, 2, 5}				
{1, 5, 3, 6, 8}	{3, 7, 5, 8, 2}				
{5, 2, 10, 6, 9}	{10, 4, 7, 1, 3}				
{9, 7, 2, 1, 3}	{4, 7, 3, 10, 2}				
{8, 7, 6, 3, 4}	{1, 4, 7, 10, 8}				
{3, 6, 4, 2, 1}	{7, 10, 2, 5, 4}				



## 16.

A	B	$A \cup B$	$A \cap B$	$A - B$	$B - A$
{2, 4, 6, 5, 10}	{10, 6, 3, 7, 8}				
{7, 1, 4, 10, 6}	{6, 1, 5, 3, 8}				
{1, 5, 3, 2, 10}	{9, 7, 6, 4, 10}				
{5, 9, 7, 3, 1}	{7, 2, 1, 5, 4}				
{9, 2, 7, 8, 3}	{6, 3, 10, 9, 2}				
{8, 9, 7, 2, 10}	{4, 5, 6, 8, 1}				
{4, 8, 6, 5, 7}	{5, 9, 8, 4, 7}				
{4, 2, 3, 8, 5}	{8, 4, 6, 2, 1}				
{8, 9, 6, 5, 1}	{8, 1, 3, 7, 5}				
{10, 9, 2, 5, 7}	{4, 10, 1, 8, 3}				
{8, 9, 2, 3, 4}	{7, 9, 2, 1, 8}				
{6, 4, 2, 3, 9}	{4, 3, 8, 5, 7}				
{3, 8, 6, 2, 4}	{8, 2, 1, 4, 9}				
{5, 7, 1, 4, 8}	{3, 10, 2, 5, 4}				
{2, 6, 3, 8, 5}	{4, 3, 5, 9, 2}				
{6, 5, 1, 2, 4}	{2, 6, 3, 7, 9}				
{9, 6, 5, 2, 10}	{2, 7, 10, 5, 9}				
{8, 7, 1, 5, 6}	{5, 10, 4, 2, 6}				
{8, 9, 1, 6, 4}	{7, 2, 5, 6, 8}				
{6, 2, 4, 9, 8}	{6, 2, 7, 3, 8}				
{8, 5, 3, 6, 2}	{6, 7, 9, 10, 2}				
{9, 7, 8, 4, 3}	{7, 6, 2, 8, 9}				
{5, 9, 3, 8, 4}	{2, 9, 10, 1, 5}				
{5, 2, 10, 1, 3}	{5, 6, 9, 8, 3}				
{1, 4, 6, 7, 5}	{7, 6, 5, 3, 2}				
{9, 3, 1, 6, 10}	{1, 9, 3, 8, 6}				
{9, 1, 5, 3, 7}	{4, 2, 8, 3, 1}				
{10, 5, 9, 4, 1}	{1, 7, 5, 2, 9}				
{10, 3, 7, 6, 4}	{3, 2, 10, 8, 1}				
{1, 10, 3, 6, 8}	{4, 6, 3, 8, 5}				

## 17.

A	B	$A \cup B$	$A \cap B$	$A - B$	$B - A$
{6, 8, 9, 4, 1}	{4, 10, 3, 1, 8}				
{1, 3, 2, 5, 6}	{9, 2, 7, 5, 3}				
{6, 8, 2, 10, 5}	{8, 9, 6, 2, 4}				
{3, 6, 4, 1, 5}	{8, 2, 6, 7, 10}				
{9, 3, 5, 1, 10}	{1, 6, 3, 4, 2}				
{9, 4, 7, 1, 8}	{5, 2, 7, 4, 9}				
{8, 5, 6, 1, 10}	{10, 6, 2, 8, 7}				
{1, 4, 6, 9, 8}	{5, 6, 3, 10, 4}				
{7, 6, 8, 10, 3}	{3, 4, 1, 2, 10}				
{10, 4, 8, 1, 9}	{5, 10, 6, 3, 7}				
{7, 10, 2, 8, 5}	{3, 1, 2, 4, 5}				
{1, 10, 2, 5, 9}	{1, 7, 5, 3, 2}				
{7, 6, 5, 8, 4}	{1, 4, 5, 7, 10}				
{6, 10, 8, 2, 7}	{5, 9, 4, 10, 7}				
{8, 5, 10, 9, 6}	{2, 6, 1, 4, 8}				
{9, 7, 8, 1, 6}	{9, 2, 10, 6, 7}				
{1, 5, 8, 7, 6}	{1, 9, 2, 10, 7}				
{3, 8, 5, 1, 2}	{9, 2, 6, 1, 3}				
{2, 7, 10, 5, 6}	{8, 2, 3, 6, 9}				
{10, 9, 5, 7, 1}	{7, 4, 5, 9, 10}				
{6, 3, 4, 7, 5}	{5, 8, 7, 6, 10}				
{2, 10, 4, 3, 7}	{9, 4, 5, 10, 1}				
{9, 10, 4, 3, 8}	{2, 3, 6, 10, 9}				
{1, 3, 10, 8, 9}	{9, 3, 7, 2, 4}				
{7, 5, 2, 9, 10}	{3, 1, 9, 7, 6}				
{10, 5, 8, 9, 7}	{7, 5, 3, 4, 10}				
{2, 4, 8, 6, 1}	{10, 7, 5, 1, 3}				
{4, 6, 3, 8, 10}	{7, 9, 1, 6, 8}				
{5, 3, 7, 10, 8}	{4, 5, 7, 2, 1}				
{4, 5, 8, 7, 9}	{9, 5, 2, 4, 10}				

## 18.

A	B	$A \cup B$	$A \cap B$	$A - B$	$B - A$
{3, 9, 4, 2, 8}	{10, 3, 4, 9, 7}				
{9, 10, 3, 5, 1}	{5, 6, 3, 4, 2}				
{5, 6, 7, 10, 3}	{3, 4, 7, 2, 6}				
{5, 9, 4, 10, 7}	{2, 4, 1, 3, 6}				
{5, 3, 4, 6, 2}	{2, 5, 9, 4, 3}				
{9, 2, 10, 4, 5}	{7, 3, 10, 2, 5}				
{6, 9, 2, 3, 4}	{8, 6, 5, 9, 7}				
{6, 9, 4, 8, 1}	{1, 10, 4, 5, 7}				
{1, 10, 3, 6, 2}	{4, 10, 9, 5, 1}				
{5, 4, 1, 3, 7}	{8, 5, 4, 1, 6}				
{4, 2, 7, 3, 6}	{8, 7, 2, 6, 10}				
{4, 2, 6, 8, 7}	{8, 10, 9, 7, 4}				
{3, 5, 10, 8, 1}	{2, 6, 8, 1, 5}				
{1, 7, 5, 6, 10}	{3, 5, 9, 6, 4}				
{10, 3, 7, 9, 6}	{4, 8, 2, 5, 1}				
{6, 7, 10, 1, 5}	{4, 10, 1, 8, 7}				
{8, 7, 3, 5, 2}	{1, 9, 8, 6, 10}				
{7, 8, 10, 6, 9}	{7, 1, 4, 5, 2}				
{6, 10, 4, 8, 7}	{9, 3, 8, 7, 6}				
{7, 3, 10, 1, 5}	{5, 1, 10, 7, 8}				
{10, 2, 3, 6, 5}	{9, 4, 7, 1, 3}				
{10, 4, 8, 7, 5}	{5, 7, 10, 3, 4}				
{1, 3, 4, 8, 7}	{8, 9, 1, 7, 2}				
{7, 4, 1, 3, 8}	{10, 9, 8, 4, 2}				
{2, 3, 4, 10, 8}	{8, 3, 9, 6, 2}				
{2, 4, 3, 8, 7}	{10, 1, 2, 8, 7}				
{9, 4, 5, 1, 10}	{10, 5, 1, 7, 2}				
{9, 1, 5, 4, 6}	{4, 2, 9, 5, 10}				
{7, 9, 5, 8, 2}	{7, 10, 4, 8, 1}				
{7, 9, 10, 2, 3}	{10, 5, 4, 1, 7}				

## 19.

A	B	$A \cup B$	$A \cap B$	$A - B$	$B - A$
{9, 1, 10, 7, 3}	{10, 9, 6, 8, 1}				
{2, 1, 7, 4, 9}	{3, 1, 10, 2, 6}				
{3, 5, 2, 4, 1}	{7, 3, 8, 4, 2}				
{1, 4, 7, 5, 2}	{8, 1, 3, 9, 5}				
{1, 9, 8, 3, 4}	{9, 3, 1, 5, 7}				
{8, 5, 10, 4, 6}	{6, 8, 5, 3, 9}				
{9, 5, 4, 8, 1}	{6, 9, 7, 5, 10}				
{8, 10, 7, 2, 6}	{5, 6, 2, 3, 4}				
{5, 7, 8, 2, 9}	{2, 9, 5, 3, 4}				
{10, 4, 8, 6, 3}	{7, 2, 10, 1, 3}				
{9, 6, 4, 8, 3}	{5, 4, 6, 8, 7}				
{2, 9, 1, 8, 5}	{2, 8, 6, 5, 10}				
{1, 8, 4, 3, 7}	{4, 9, 6, 10, 5}				
{2, 5, 10, 8, 1}	{1, 7, 9, 4, 10}				
{4, 1, 7, 6, 2}	{9, 7, 1, 2, 6}				
{4, 2, 6, 3, 8}	{10, 5, 3, 7, 4}				
{1, 10, 5, 8, 4}	{8, 3, 10, 6, 9}				
{1, 6, 4, 7, 8}	{8, 10, 6, 3, 2}				
{3, 9, 6, 4, 5}	{1, 10, 3, 5, 7}				
{1, 5, 9, 8, 3}	{4, 3, 8, 1, 9}				
{6, 7, 8, 10, 4}	{8, 10, 9, 5, 7}				
{7, 4, 3, 5, 2}	{4, 10, 1, 8, 5}				
{9, 7, 2, 10, 6}	{5, 8, 2, 1, 9}				
{7, 3, 8, 9, 1}	{8, 5, 3, 9, 1}				
{6, 3, 7, 9, 1}	{1, 10, 7, 3, 9}				
{5, 7, 4, 6, 2}	{10, 7, 6, 4, 3}				
{5, 4, 3, 9, 10}	{1, 3, 5, 8, 4}				
{1, 10, 6, 4, 2}	{8, 10, 1, 6, 2}				
{4, 1, 10, 9, 7}	{8, 6, 2, 4, 9}				
{1, 6, 8, 2, 7}	{8, 7, 1, 4, 3}				

20.

A	B	$A \cup B$	$A \cap B$	$A - B$	$B - A$
{3, 8, 1, 4, 7}	{1, 6, 9, 7, 2}				
{9, 10, 2, 7, 1}	{1, 4, 10, 9, 3}				
{1, 2, 9, 3, 7}	{5, 1, 2, 10, 9}				
{9, 7, 2, 3, 8}	{1, 8, 10, 6, 3}				
{9, 2, 5, 6, 8}	{1, 9, 4, 8, 5}				
{1, 8, 7, 2, 3}	{3, 6, 4, 9, 8}				
{4, 9, 1, 5, 7}	{8, 5, 1, 4, 2}				
{10, 1, 3, 9, 8}	{5, 1, 10, 6, 7}				
{3, 10, 9, 4, 8}	{2, 4, 3, 6, 1}				
{5, 9, 10, 1, 2}	{6, 7, 8, 10, 5}				
{1, 5, 3, 7, 10}	{9, 3, 10, 7, 4}				
{3, 10, 2, 7, 5}	{6, 1, 8, 5, 9}				
{2, 3, 1, 10, 5}	{9, 5, 8, 10, 1}				
{1, 3, 5, 10, 2}	{10, 8, 6, 4, 7}				
{9, 1, 6, 10, 8}	{2, 1, 6, 7, 3}				
{2, 6, 9, 8, 4}	{5, 6, 8, 7, 4}				
{4, 2, 10, 6, 7}	{8, 5, 2, 4, 9}				
{4, 8, 7, 6, 2}	{3, 10, 9, 1, 5}				
{8, 4, 2, 3, 6}	{1, 7, 4, 8, 10}				
{7, 2, 1, 5, 3}	{9, 7, 8, 5, 1}				
{8, 3, 6, 1, 9}	{2, 10, 1, 3, 9}				
{1, 10, 4, 5, 9}	{4, 9, 8, 5, 7}				
{6, 9, 10, 2, 3}	{9, 8, 4, 10, 3}				
{9, 6, 4, 8, 3}	{1, 5, 7, 10, 8}				
{2, 3, 4, 5, 10}	{5, 9, 1, 6, 4}				
{7, 4, 10, 2, 8}	{8, 2, 9, 5, 6}				
{5, 2, 1, 10, 9}	{7, 5, 4, 3, 10}				
{2, 7, 10, 1, 4}	{6, 3, 5, 2, 7}				
{9, 10, 4, 7, 1}	{6, 1, 2, 5, 4}				
{10, 4, 2, 6, 8}	{9, 8, 1, 3, 4}				

## 21.

A	B	$A \cup B$	$A \cap B$	$A - B$	$B - A$
{1, 5, 7, 2, 6}	{8, 1, 4, 10, 7}				
{9, 2, 4, 3, 6}	{3, 7, 2, 10, 8}				
{4, 9, 3, 2, 6}	{7, 4, 10, 5, 8}				
{7, 9, 5, 2, 8}	{6, 8, 10, 2, 3}				
{2, 10, 3, 7, 1}	{10, 8, 5, 2, 1}				
{1, 5, 9, 6, 7}	{9, 3, 6, 4, 1}				
{8, 5, 7, 9, 4}	{7, 3, 5, 9, 10}				
{5, 4, 9, 1, 6}	{1, 9, 8, 3, 7}				
{2, 3, 4, 5, 1}	{5, 7, 8, 1, 9}				
{7, 8, 10, 9, 1}	{2, 1, 4, 5, 9}				
{10, 9, 2, 6, 1}	{8, 5, 1, 7, 3}				
{7, 8, 5, 9, 2}	{8, 7, 4, 10, 5}				
{5, 1, 3, 10, 8}	{10, 2, 5, 6, 9}				
{7, 2, 10, 8, 6}	{1, 2, 6, 10, 8}				
{1, 10, 9, 5, 8}	{6, 7, 5, 3, 8}				
{3, 10, 2, 7, 8}	{9, 7, 8, 10, 6}				
{9, 3, 5, 7, 10}	{2, 9, 7, 4, 5}				
{9, 1, 2, 10, 6}	{1, 7, 6, 8, 9}				
{2, 6, 7, 1, 5}	{4, 7, 5, 2, 6}				
{4, 5, 6, 2, 8}	{6, 7, 9, 3, 5}				
{4, 3, 8, 6, 5}	{3, 4, 7, 5, 9}				
{5, 6, 3, 10, 2}	{4, 7, 1, 3, 8}				
{9, 4, 6, 10, 3}	{8, 5, 2, 3, 1}				
{2, 7, 10, 6, 8}	{9, 3, 7, 10, 1}				
{10, 1, 3, 7, 4}	{7, 6, 2, 1, 5}				
{10, 3, 6, 5, 9}	{10, 8, 7, 3, 2}				
{8, 3, 7, 5, 2}	{7, 2, 5, 6, 4}				
{1, 7, 3, 2, 6}	{6, 4, 7, 10, 5}				
{9, 5, 6, 2, 7}	{3, 6, 9, 10, 7}				
{4, 9, 6, 5, 2}	{9, 1, 6, 2, 5}				

## 22.

A	B	$A \cup B$	$A \cap B$	$A - B$	$B - A$
{7, 2, 8, 6, 9}	{2, 4, 3, 9, 8}				
{1, 6, 7, 2, 8}	{6, 2, 5, 7, 4}				
{2, 1, 9, 5, 4}	{7, 3, 1, 4, 9}				
{3, 9, 5, 6, 4}	{6, 2, 7, 8, 1}				
{5, 7, 2, 10, 8}	{4, 2, 9, 8, 3}				
{3, 1, 2, 9, 10}	{8, 5, 1, 10, 7}				
{6, 8, 7, 10, 9}	{6, 7, 2, 4, 3}				
{9, 5, 2, 10, 8}	{2, 7, 8, 3, 9}				
{3, 10, 5, 8, 2}	{2, 8, 10, 7, 4}				
{4, 9, 8, 5, 6}	{6, 7, 10, 4, 5}				
{1, 5, 3, 10, 8}	{3, 9, 8, 1, 6}				
{6, 4, 7, 8, 3}	{1, 4, 2, 5, 8}				
{5, 1, 2, 10, 3}	{5, 1, 3, 8, 9}				
{10, 8, 2, 7, 3}	{3, 10, 4, 6, 9}				
{1, 4, 8, 9, 3}	{7, 2, 3, 6, 10}				
{2, 8, 6, 1, 7}	{7, 10, 5, 2, 9}				
{5, 2, 3, 4, 10}	{10, 7, 6, 3, 8}				
{1, 10, 5, 8, 3}	{10, 8, 3, 9, 7}				
{4, 10, 2, 9, 3}	{8, 5, 9, 2, 10}				
{8, 10, 7, 5, 6}	{8, 5, 9, 7, 1}				
{4, 9, 5, 6, 1}	{4, 9, 6, 1, 7}				
{7, 9, 5, 6, 4}	{4, 2, 8, 10, 6}				
{6, 2, 3, 5, 10}	{8, 7, 5, 1, 4}				
{1, 5, 6, 4, 9}	{10, 1, 9, 5, 3}				
{1, 3, 10, 9, 7}	{3, 10, 4, 5, 7}				
{4, 6, 10, 3, 5}	{7, 10, 9, 8, 2}				
{3, 8, 7, 2, 9}	{4, 5, 10, 8, 1}				
{2, 5, 7, 1, 6}	{1, 3, 9, 2, 8}				
{9, 10, 6, 8, 4}	{9, 3, 8, 2, 1}				
{1, 6, 2, 7, 8}	{5, 1, 6, 4, 3}				

23.

A	B	$A \cup B$	$A \cap B$	$A - B$	$B - A$
{9, 7, 8, 4, 1}	{6, 4, 7, 5, 3}				
{3, 9, 8, 5, 1}	{3, 6, 7, 9, 4}				
{2, 9, 1, 5, 7}	{2, 10, 6, 7, 1}				
{3, 2, 7, 10, 1}	{5, 2, 10, 7, 8}				
{6, 8, 2, 4, 7}	{8, 1, 6, 7, 3}				
{8, 9, 10, 5, 1}	{10, 6, 7, 2, 9}				
{2, 5, 8, 7, 1}	{5, 9, 3, 4, 2}				
{9, 3, 4, 2, 7}	{4, 9, 5, 10, 3}				
{1, 9, 7, 6, 3}	{2, 6, 4, 10, 3}				
{4, 3, 6, 9, 5}	{7, 4, 1, 9, 6}				
{5, 3, 1, 7, 6}	{1, 5, 7, 2, 6}				
{1, 2, 7, 5, 10}	{2, 3, 1, 8, 6}				
{5, 2, 1, 10, 3}	{1, 9, 6, 2, 5}				
{4, 1, 5, 10, 2}	{7, 2, 3, 1, 4}				
{9, 1, 4, 3, 2}	{10, 4, 1, 2, 6}				
{6, 1, 9, 8, 5}	{4, 10, 6, 3, 2}				
{2, 5, 6, 9, 1}	{1, 7, 9, 8, 10}				
{2, 7, 6, 4, 1}	{8, 5, 4, 7, 2}				
{3, 4, 8, 1, 10}	{2, 10, 1, 9, 8}				
{4, 2, 9, 5, 10}	{9, 5, 2, 7, 6}				
{1, 7, 4, 10, 3}	{8, 9, 10, 6, 7}				
{4, 8, 2, 5, 1}	{8, 6, 3, 4, 7}				
{3, 4, 5, 9, 2}	{2, 7, 9, 8, 5}				
{10, 9, 5, 3, 4}	{1, 6, 7, 9, 5}				
{8, 10, 3, 7, 2}	{1, 8, 7, 4, 6}				
{4, 3, 2, 9, 5}	{2, 6, 5, 4, 9}				
{2, 10, 5, 7, 4}	{2, 4, 10, 8, 7}				
{2, 1, 6, 4, 9}	{3, 9, 7, 2, 5}				
{3, 5, 9, 4, 2}	{9, 1, 2, 6, 4}				
{2, 3, 6, 5, 10}	{8, 3, 9, 7, 2}				



## 24.

A	B	$A \cup B$	$A \cap B$	$A - B$	$B - A$
{6, 4, 7, 3, 8}	{3, 8, 4, 7, 1}				
{3, 7, 5, 2, 6}	{3, 5, 6, 9, 2}				
{7, 6, 2, 9, 3}	{9, 4, 2, 5, 1}				
{2, 3, 7, 6, 10}	{4, 5, 9, 1, 2}				
{7, 10, 9, 4, 2}	{4, 8, 9, 1, 6}				
{9, 4, 7, 3, 2}	{9, 5, 3, 7, 8}				
{6, 1, 7, 8, 10}	{2, 9, 6, 8, 10}				
{4, 2, 9, 8, 10}	{6, 10, 9, 5, 1}				
{4, 8, 1, 9, 5}	{2, 8, 7, 1, 9}				
{10, 2, 7, 1, 4}	{6, 9, 3, 2, 1}				
{7, 10, 5, 4, 3}	{2, 10, 3, 4, 8}				
{6, 9, 8, 4, 5}	{3, 7, 1, 2, 9}				
{1, 5, 7, 9, 6}	{5, 1, 6, 4, 8}				
{10, 3, 4, 5, 9}	{9, 5, 1, 2, 4}				
{3, 2, 1, 5, 9}	{1, 4, 5, 10, 6}				
{6, 5, 8, 7, 3}	{5, 3, 9, 8, 6}				
{1, 9, 10, 7, 6}	{9, 4, 6, 10, 2}				
{10, 9, 5, 7, 2}	{7, 4, 2, 1, 9}				
{2, 7, 5, 6, 9}	{4, 1, 5, 3, 6}				
{6, 10, 5, 3, 7}	{2, 7, 4, 6, 1}				
{3, 9, 8, 7, 5}	{6, 8, 4, 1, 10}				
{3, 9, 7, 6, 1}	{5, 8, 1, 10, 2}				
{2, 8, 1, 3, 10}	{5, 8, 3, 10, 7}				
{7, 8, 10, 4, 5}	{3, 4, 7, 1, 10}				
{1, 8, 2, 6, 5}	{4, 10, 6, 5, 7}				
{3, 5, 2, 9, 8}	{3, 2, 1, 8, 4}				
{7, 5, 8, 2, 3}	{5, 3, 7, 6, 1}				
{5, 1, 6, 10, 2}	{10, 4, 2, 9, 6}				
{6, 1, 2, 5, 8}	{4, 3, 9, 1, 5}				
{6, 3, 5, 7, 4}	{1, 8, 10, 4, 9}				

25.

A	B	$A \cup B$	$A \cap B$	$A - B$	$B - A$
{10, 8, 4, 5, 2}	{5, 8, 7, 6, 1}				
{8, 1, 9, 4, 6}	{8, 10, 6, 4, 5}				
{6, 1, 4, 7, 5}	{6, 4, 1, 8, 10}				
{4, 6, 8, 10, 3}	{1, 4, 2, 10, 9}				
{4, 1, 8, 3, 7}	{3, 7, 4, 1, 9}				
{9, 4, 8, 1, 3}	{9, 8, 1, 2, 6}				
{10, 9, 3, 2, 1}	{4, 1, 10, 7, 3}				
{7, 9, 10, 8, 4}	{9, 8, 2, 4, 6}				
{2, 10, 5, 7, 1}	{4, 3, 10, 5, 9}				
{4, 8, 1, 3, 2}	{3, 8, 6, 2, 1}				
{10, 5, 3, 8, 4}	{10, 7, 2, 1, 3}				
{1, 6, 2, 9, 10}	{9, 3, 4, 10, 2}				
{8, 5, 6, 2, 9}	{7, 6, 8, 3, 5}				
{5, 8, 4, 10, 6}	{6, 7, 9, 10, 8}				
{8, 7, 6, 9, 3}	{6, 8, 10, 5, 3}				
{9, 3, 4, 6, 1}	{1, 4, 6, 7, 8}				
{8, 1, 9, 4, 7}	{9, 6, 7, 10, 1}				
{8, 1, 7, 4, 2}	{4, 2, 1, 3, 6}				
{8, 7, 10, 1, 5}	{6, 8, 9, 5, 3}				
{6, 1, 4, 10, 8}	{3, 8, 10, 9, 2}				
{10, 8, 1, 2, 4}	{4, 10, 2, 5, 7}				
{6, 10, 7, 9, 1}	{7, 5, 6, 3, 10}				
{10, 6, 9, 1, 7}	{2, 10, 9, 3, 5}				
{1, 3, 4, 9, 5}	{1, 9, 10, 8, 6}				
{9, 8, 2, 6, 4}	{3, 6, 10, 4, 7}				
{9, 8, 6, 4, 10}	{8, 4, 3, 10, 9}				
{8, 1, 5, 2, 4}	{7, 1, 5, 9, 10}				
{4, 6, 10, 2, 1}	{8, 3, 4, 1, 2}				
{4, 5, 9, 7, 1}	{1, 2, 9, 5, 3}				
{4, 10, 1, 7, 5}	{6, 2, 10, 5, 8}				

26.

A	B	$A \cup B$	$A \cap B$	$A - B$	$B - A$
{4, 9, 2, 6, 1}	{5, 7, 10, 9, 3}				
{7, 8, 1, 4, 9}	{9, 5, 4, 8, 7}				
{5, 9, 10, 2, 7}	{8, 5, 7, 3, 4}				
{9, 7, 5, 2, 4}	{5, 4, 1, 10, 2}				
{10, 8, 3, 4, 6}	{7, 4, 8, 3, 5}				
{10, 8, 9, 1, 3}	{6, 1, 10, 4, 5}				
{10, 8, 9, 4, 3}	{7, 6, 9, 2, 5}				
{3, 8, 9, 2, 7}	{5, 6, 9, 7, 8}				
{1, 7, 5, 3, 9}	{9, 4, 3, 2, 10}				
{6, 5, 7, 2, 9}	{9, 4, 6, 3, 2}				
{4, 3, 5, 6, 1}	{7, 10, 2, 8, 5}				
{8, 2, 9, 5, 10}	{9, 3, 1, 10, 7}				
{1, 4, 9, 5, 2}	{3, 1, 4, 10, 2}				
{1, 10, 8, 2, 9}	{5, 7, 3, 1, 8}				
{10, 2, 7, 6, 8}	{1, 9, 10, 7, 5}				
{1, 9, 8, 10, 6}	{5, 4, 8, 7, 6}				
{9, 5, 10, 8, 4}	{9, 4, 8, 1, 7}				
{3, 4, 8, 10, 7}	{8, 6, 4, 3, 9}				
{8, 4, 3, 9, 7}	{7, 4, 10, 1, 3}				
{3, 5, 4, 1, 6}	{9, 7, 2, 6, 1}				
{7, 10, 8, 2, 1}	{3, 5, 9, 6, 8}				
{10, 9, 5, 2, 6}	{2, 3, 6, 8, 10}				
{8, 2, 7, 1, 6}	{10, 3, 6, 4, 1}				
{1, 6, 10, 5, 8}	{2, 5, 8, 9, 10}				
{7, 1, 8, 9, 4}	{9, 1, 7, 3, 4}				
{8, 7, 1, 4, 5}	{9, 3, 1, 8, 10}				
{1, 5, 9, 6, 4}	{1, 8, 10, 9, 5}				
{5, 4, 6, 9, 3}	{4, 6, 10, 7, 1}				
{9, 4, 10, 7, 3}	{2, 4, 9, 8, 10}				
{1, 9, 4, 3, 6}	{10, 1, 3, 2, 4}				

27.

A	B	$A \cup B$	$A \cap B$	$A - B$	$B - A$
{1, 10, 9, 4, 2}	{3, 7, 6, 10, 4}				
{10, 7, 6, 9, 4}	{8, 10, 1, 5, 7}				
{4, 8, 1, 6, 7}	{2, 9, 3, 4, 1}				
{5, 6, 4, 9, 2}	{7, 9, 2, 1, 3}				
{3, 4, 10, 8, 9}	{6, 5, 4, 7, 9}				
{10, 8, 7, 1, 6}	{1, 9, 7, 2, 10}				
{8, 7, 10, 1, 2}	{1, 3, 10, 5, 8}				
{5, 1, 10, 4, 3}	{10, 1, 5, 7, 3}				
{5, 9, 8, 6, 2}	{4, 9, 6, 3, 1}				
{6, 3, 4, 2, 5}	{8, 7, 9, 10, 6}				
{7, 10, 3, 1, 5}	{9, 10, 5, 7, 4}				
{5, 6, 2, 8, 3}	{8, 6, 3, 9, 1}				
{4, 6, 8, 2, 3}	{9, 3, 8, 10, 4}				
{7, 5, 6, 4, 1}	{5, 8, 6, 1, 10}				
{1, 8, 7, 10, 4}	{2, 6, 9, 3, 1}				
{1, 6, 10, 4, 8}	{9, 10, 6, 7, 1}				
{7, 8, 9, 10, 1}	{4, 2, 10, 8, 6}				
{8, 1, 2, 10, 7}	{4, 9, 1, 2, 10}				
{3, 6, 7, 10, 8}	{2, 7, 1, 10, 3}				
{5, 9, 3, 10, 4}	{8, 10, 5, 1, 7}				
{1, 7, 3, 6, 5}	{8, 1, 4, 9, 6}				
{6, 5, 3, 10, 8}	{6, 5, 2, 3, 9}				
{8, 5, 7, 9, 1}	{9, 5, 1, 7, 4}				
{5, 8, 7, 2, 6}	{7, 9, 5, 6, 3}				
{2, 10, 1, 6, 9}	{5, 1, 9, 7, 6}				
{7, 8, 2, 3, 1}	{4, 2, 6, 10, 8}				
{2, 10, 3, 9, 6}	{6, 3, 2, 9, 4}				
{4, 5, 9, 1, 6}	{4, 1, 5, 9, 6}				
{7, 8, 5, 9, 6}	{5, 8, 3, 2, 4}				
{3, 7, 6, 4, 2}	{5, 1, 10, 4, 3}				

28.

A	B	$A \cup B$	$A \cap B$	$A - B$	$B - A$
{4, 5, 6, 1, 8}	{5, 3, 2, 4, 8}				
{8, 10, 5, 6, 7}	{9, 5, 6, 10, 2}				
{7, 1, 2, 9, 8}	{5, 9, 10, 8, 3}				
{3, 8, 7, 1, 2}	{8, 10, 9, 3, 1}				
{7, 9, 4, 8, 5}	{2, 6, 7, 3, 4}				
{2, 10, 5, 6, 1}	{2, 8, 4, 7, 6}				
{5, 9, 1, 8, 3}	{4, 2, 9, 8, 10}				
{1, 7, 9, 3, 8}	{7, 9, 6, 3, 4}				
{8, 2, 5, 1, 3}	{3, 10, 1, 7, 4}				
{1, 2, 9, 3, 6}	{7, 10, 5, 9, 2}				
{9, 7, 2, 3, 5}	{3, 7, 5, 6, 2}				
{1, 8, 7, 5, 9}	{5, 4, 8, 10, 3}				
{3, 6, 2, 9, 4}	{9, 4, 7, 10, 3}				
{4, 2, 8, 10, 9}	{5, 2, 9, 4, 1}				
{10, 9, 5, 4, 2}	{4, 1, 5, 6, 2}				
{3, 5, 7, 10, 6}	{8, 9, 4, 10, 7}				
{1, 3, 4, 10, 6}	{7, 8, 4, 1, 2}				
{2, 10, 5, 9, 3}	{7, 3, 2, 8, 1}				
{6, 3, 1, 5, 10}	{10, 3, 4, 7, 9}				
{9, 2, 3, 4, 6}	{7, 3, 9, 5, 4}				
{5, 6, 8, 7, 2}	{5, 7, 3, 1, 4}				
{2, 4, 10, 8, 6}	{2, 4, 6, 9, 3}				
{1, 4, 5, 9, 3}	{3, 2, 8, 7, 10}				
{10, 6, 8, 4, 3}	{2, 3, 8, 9, 6}				
{9, 6, 7, 2, 3}	{10, 9, 8, 7, 2}				
{8, 4, 10, 5, 1}	{4, 9, 8, 5, 10}				
{4, 9, 5, 3, 1}	{3, 5, 4, 8, 9}				
{10, 7, 1, 8, 6}	{8, 6, 1, 10, 3}				
{10, 9, 5, 6, 3}	{7, 4, 2, 8, 9}				
{9, 1, 5, 6, 2}	{6, 2, 7, 1, 4}				

## 29.

A	B	$A \cup B$	$A \cap B$	$A - B$	$B - A$
{8, 7, 5, 2, 3}	{2, 5, 1, 10, 4}				
{8, 6, 5, 4, 2}	{1, 8, 2, 9, 6}				
{7, 4, 5, 10, 2}	{4, 10, 1, 7, 6}				
{9, 10, 8, 6, 3}	{9, 5, 2, 6, 4}				
{5, 8, 9, 6, 7}	{5, 10, 1, 8, 7}				
{2, 8, 1, 7, 5}	{8, 6, 5, 2, 7}				
{4, 2, 9, 10, 6}	{4, 3, 5, 8, 1}				
{3, 1, 4, 6, 9}	{4, 2, 3, 7, 1}				
{10, 6, 3, 1, 9}	{7, 2, 9, 8, 1}				
{3, 8, 5, 10, 1}	{9, 8, 3, 1, 7}				
{6, 2, 3, 8, 10}	{10, 4, 2, 9, 3}				
{7, 10, 8, 3, 4}	{3, 10, 4, 2, 6}				
{3, 4, 7, 2, 6}	{3, 5, 2, 9, 10}				
{2, 10, 9, 7, 4}	{3, 1, 4, 2, 5}				
{6, 9, 8, 3, 10}	{1, 4, 3, 5, 6}				
{1, 5, 8, 10, 7}	{3, 4, 8, 2, 5}				
{4, 1, 3, 7, 8}	{4, 6, 9, 5, 1}				
{2, 8, 6, 7, 5}	{7, 10, 5, 4, 6}				
{2, 8, 6, 4, 3}	{6, 1, 2, 9, 8}				
{3, 5, 8, 4, 6}	{8, 10, 2, 4, 6}				
{7, 9, 1, 10, 3}	{9, 4, 6, 10, 3}				
{2, 9, 7, 4, 8}	{4, 1, 7, 9, 10}				
{6, 7, 8, 5, 10}	{1, 3, 2, 8, 7}				
{6, 1, 2, 3, 7}	{8, 5, 2, 9, 7}				
{7, 1, 5, 4, 3}	{4, 6, 10, 1, 3}				
{7, 4, 2, 3, 9}	{10, 5, 7, 9, 8}				
{4, 3, 8, 7, 10}	{8, 4, 10, 3, 6}				
{8, 6, 5, 2, 3}	{3, 6, 5, 7, 10}				
{3, 9, 1, 2, 4}	{7, 1, 3, 6, 8}				
{1, 5, 6, 10, 8}	{1, 7, 2, 5, 9}				

30.

A	B	$A \cup B$	$A \cap B$	$A - B$	$B - A$
{4, 3, 2, 6, 5}	{8, 3, 9, 4, 10}				
{7, 5, 6, 8, 1}	{6, 8, 2, 9, 3}				
{9, 3, 1, 6, 4}	{6, 3, 1, 5, 10}				
{4, 5, 3, 1, 9}	{8, 2, 1, 3, 6}				
{2, 8, 7, 10, 3}	{3, 7, 8, 9, 4}				
{2, 8, 10, 7, 3}	{5, 1, 7, 8, 2}				
{8, 5, 10, 6, 2}	{10, 6, 9, 4, 7}				
{8, 6, 10, 1, 7}	{3, 10, 6, 5, 8}				
{4, 2, 1, 3, 6}	{7, 1, 6, 9, 10}				
{1, 6, 10, 3, 8}	{6, 9, 7, 4, 8}				
{4, 8, 2, 9, 5}	{7, 9, 4, 6, 2}				
{9, 2, 4, 8, 3}	{10, 2, 3, 8, 7}				
{4, 1, 10, 8, 2}	{1, 4, 9, 7, 6}				
{4, 8, 10, 6, 3}	{5, 9, 2, 4, 3}				
{7, 3, 4, 6, 1}	{10, 6, 5, 9, 7}				
{5, 1, 2, 7, 4}	{4, 8, 1, 10, 5}				
{3, 10, 1, 7, 8}	{4, 9, 10, 8, 6}				
{4, 1, 3, 6, 10}	{1, 2, 5, 4, 8}				
{5, 2, 9, 1, 4}	{3, 1, 8, 10, 2}				
{8, 6, 2, 3, 9}	{5, 4, 1, 8, 9}				
{10, 7, 5, 4, 2}	{10, 4, 1, 2, 8}				
{1, 7, 3, 5, 2}	{4, 7, 5, 2, 6}				
{1, 2, 8, 6, 5}	{10, 9, 4, 3, 6}				
{5, 1, 8, 3, 4}	{9, 1, 10, 2, 8}				
{5, 10, 3, 9, 2}	{9, 8, 1, 6, 7}				
{3, 5, 10, 2, 4}	{1, 10, 3, 4, 7}				
{4, 5, 1, 9, 8}	{2, 5, 6, 8, 3}				
{2, 8, 4, 7, 10}	{7, 10, 8, 4, 6}				
{9, 10, 3, 5, 8}	{3, 8, 7, 10, 9}				
{6, 9, 1, 8, 10}	{2, 6, 1, 7, 3}				

Rešitve:

## 1.

A	B	$A \cup B$	$A \cap B$	$A - B$	$B - A$
{4, 8, 9, 2, 10}	{3, 6, 7, 2, 5}	{2, 3, 4, 5, 6, 7, 8, 9, 10}	{2}	{4, 8, 9, 10}	{3, 5, 6, 7}
{10, 7, 3, 2, 1}	{1, 10, 4, 8, 7}	{1, 2, 3, 4, 7, 8, 10}	{1, 7, 10}	{2, 3}	{4, 8}
{6, 3, 5, 9, 10}	{1, 8, 3, 5, 6}	{1, 3, 5, 6, 8, 9, 10}	{3, 5, 6}	{9, 10}	{1, 8}
{6, 3, 9, 7, 10}	{7, 3, 2, 6, 1}	{1, 2, 3, 6, 7, 9, 10}	{3, 6, 7}	{9, 10}	{1, 2}
{6, 8, 9, 3, 7}	{1, 4, 10, 7, 2}	{1, 2, 3, 4, 6, 7, 8, 9, 10}	{7}	{3, 6, 8, 9}	{1, 2, 4, 10}
{4, 6, 2, 5, 1}	{9, 4, 7, 8, 3}	{1, 2, 3, 4, 5, 6, 7, 8, 9}	{4}	{1, 2, 5, 6}	{3, 7, 8, 9}
{1, 4, 9, 10, 8}	{9, 5, 6, 8, 3}	{1, 3, 4, 5, 6, 8, 9, 10}	{8, 9}	{1, 4, 10}	{3, 5, 6}
{2, 1, 4, 6, 10}	{6, 9, 8, 7, 4}	{1, 2, 4, 6, 7, 8, 9, 10}	{4, 6}	{1, 2, 10}	{7, 8, 9}
{10, 3, 6, 5, 7}	{1, 3, 8, 9, 2}	{1, 2, 3, 5, 6, 7, 8, 9, 10}	{3}	{5, 6, 7, 10}	{1, 2, 8, 9}
{6, 1, 7, 3, 4}	{6, 3, 9, 2, 8}	{1, 2, 3, 4, 6, 7, 8, 9}	{3, 6}	{1, 4, 7}	{2, 8, 9}
{5, 2, 4, 9, 7}	{10, 5, 8, 1, 6}	{1, 2, 4, 5, 6, 7, 8, 9, 10}	{5}	{2, 4, 7, 9}	{1, 6, 8, 10}
{5, 4, 7, 8, 6}	{1, 10, 9, 3, 5}	{1, 3, 4, 5, 6, 7, 8, 9, 10}	{5}	{4, 6, 7, 8}	{1, 3, 9, 10}
{6, 9, 5, 1, 2}	{3, 8, 1, 2, 10}	{1, 2, 3, 5, 6, 8, 9, 10}	{1, 2}	{5, 6, 9}	{3, 8, 10}
{9, 5, 7, 3, 8}	{6, 10, 7, 5, 2}	{2, 3, 5, 6, 7, 8, 9, 10}	{5, 7}	{3, 8, 9}	{2, 6, 10}
{5, 8, 9, 2, 7}	{8, 4, 2, 6, 10}	{2, 4, 5, 6, 7, 8, 9, 10}	{2, 8}	{5, 7, 9}	{4, 6, 10}
{9, 1, 6, 3, 8}	{3, 7, 2, 1, 9}	{1, 2, 3, 6, 7, 8, 9}	{1, 3, 9}	{6, 8}	{2, 7}
{3, 1, 4, 10, 6}	{7, 3, 2, 6, 9}	{1, 2, 3, 4, 6, 7, 9, 10}	{3, 6}	{1, 4, 10}	{2, 7, 9}
{6, 9, 3, 2, 8}	{5, 4, 10, 2, 3}	{2, 3, 4, 5, 6, 8, 9, 10}	{2, 3}	{6, 8, 9}	{4, 5, 10}
{2, 1, 8, 10, 6}	{8, 2, 9, 5, 3}	{1, 2, 3, 5, 6, 8, 9, 10}	{2, 8}	{1, 6, 10}	{3, 5, 9}
{2, 8, 7, 1, 6}	{10, 7, 1, 2, 3}	{1, 2, 3, 6, 7, 8, 10}	{1, 2, 7}	{6, 8}	{3, 10}
{1, 4, 8, 2, 3}	{3, 8, 9, 4, 1}	{1, 2, 3, 4, 8, 9}	{1, 3, 4, 8}	{2}	{9}
{5, 3, 4, 9, 6}	{8, 4, 9, 2, 7}	{2, 3, 4, 5, 6, 7, 8, 9}	{4, 9}	{3, 5, 6}	{2, 7, 8}
{5, 9, 10, 3, 1}	{6, 9, 7, 4, 5}	{1, 3, 4, 5, 6, 7, 9, 10}	{5, 9}	{1, 3, 10}	{4, 6, 7}
{10, 2, 5, 8, 9}	{8, 2, 7, 10, 4}	{2, 4, 5, 7, 8, 9, 10}	{2, 8, 10}	{5, 9}	{4, 7}
{2, 1, 10, 5, 8}	{4, 1, 9, 10, 6}	{1, 2, 4, 5, 6, 8, 9, 10}	{1, 10}	{2, 5, 8}	{4, 6, 9}
{2, 5, 1, 3, 10}	{10, 5, 3, 4, 1}	{1, 2, 3, 4, 5, 10}	{1, 3, 5, 10}	{2}	{4}
{7, 1, 8, 9, 4}	{5, 4, 8, 1, 7}	{1, 4, 5, 7, 8, 9}	{1, 4, 7, 8}	{9}	{5}
{10, 3, 4, 7, 8}	{5, 9, 3, 2, 1}	{1, 2, 3, 4, 5, 7, 8, 9, 10}	{3}	{4, 7, 8, 10}	{1, 2, 5, 9}
{4, 10, 2, 6, 5}	{4, 10, 6, 9, 2}	{2, 4, 5, 6, 9, 10}	{2, 4, 6, 10}	{5}	{9}
{2, 3, 9, 1, 6}	{4, 10, 5, 9, 2}	{1, 2, 3, 4, 5, 6, 9, 10}	{2, 9}	{1, 3, 6}	{4, 5, 10}



## 2.

A	B	$A \cup B$	$A \cap B$	$A - B$	$B - A$
{1, 8, 3, 4, 2}	{10, 7, 1, 9, 3}	{1, 2, 3, 4, 7, 8, 9, 10}	{1, 3}	{2, 4, 8}	{7, 9, 10}
{8, 1, 3, 9, 10}	{10, 1, 2, 5, 4}	{1, 2, 3, 4, 5, 8, 9, 10}	{1, 10}	{3, 8, 9}	{2, 4, 5}
{10, 6, 3, 7, 4}	{4, 1, 3, 10, 7}	{1, 3, 4, 6, 7, 10}	{3, 4, 7, 10}	{6}	{1}
{8, 7, 3, 4, 6}	{9, 6, 7, 5, 1}	{1, 3, 4, 5, 6, 7, 8, 9}	{6, 7}	{3, 4, 8}	{1, 5, 9}
{5, 6, 4, 10, 8}	{6, 9, 5, 4, 2}	{2, 4, 5, 6, 8, 9, 10}	{4, 5, 6}	{8, 10}	{2, 9}
{7, 4, 3, 8, 2}	{5, 3, 9, 2, 7}	{2, 3, 4, 5, 7, 8, 9}	{2, 3, 7}	{4, 8}	{5, 9}
{3, 5, 7, 10, 6}	{10, 4, 2, 7, 9}	{2, 3, 4, 5, 6, 7, 9, 10}	{7, 10}	{3, 5, 6}	{2, 4, 9}
{8, 9, 1, 6, 5}	{1, 8, 6, 2, 3}	{1, 2, 3, 5, 6, 8, 9}	{1, 6, 8}	{5, 9}	{2, 3}
{8, 3, 1, 5, 4}	{6, 1, 5, 7, 10}	{1, 3, 4, 5, 6, 7, 8, 10}	{1, 5}	{3, 4, 8}	{6, 7, 10}
{9, 8, 1, 4, 2}	{3, 8, 4, 5, 9}	{1, 2, 3, 4, 5, 8, 9}	{4, 8, 9}	{1, 2}	{3, 5}
{2, 5, 7, 9, 8}	{9, 8, 4, 2, 6}	{2, 4, 5, 6, 7, 8, 9}	{2, 8, 9}	{5, 7}	{4, 6}
{2, 4, 10, 6, 3}	{8, 6, 3, 1, 4}	{1, 2, 3, 4, 6, 8, 10}	{3, 4, 6}	{2, 10}	{1, 8}
{3, 10, 9, 5, 4}	{8, 5, 10, 7, 1}	{1, 3, 4, 5, 7, 8, 9, 10}	{5, 10}	{3, 4, 9}	{1, 7, 8}
{7, 10, 9, 4, 1}	{1, 4, 2, 9, 10}	{1, 2, 4, 7, 9, 10}	{1, 4, 9, 10}	{7}	{2}
{7, 2, 4, 6, 8}	{7, 5, 2, 9, 4}	{2, 4, 5, 6, 7, 8, 9}	{2, 4, 7}	{6, 8}	{5, 9}
{2, 3, 8, 7, 4}	{5, 2, 3, 1, 9}	{1, 2, 3, 4, 5, 7, 8, 9}	{2, 3}	{4, 7, 8}	{1, 5, 9}
{3, 6, 5, 8, 9}	{5, 7, 1, 8, 10}	{1, 3, 5, 6, 7, 8, 9, 10}	{5, 8}	{3, 6, 9}	{1, 7, 10}
{1, 3, 5, 7, 6}	{3, 2, 9, 1, 4}	{1, 2, 3, 4, 5, 6, 7, 9}	{1, 3}	{5, 6, 7}	{2, 4, 9}
{10, 3, 1, 4, 6}	{2, 1, 8, 10, 9}	{1, 2, 3, 4, 6, 8, 9, 10}	{1, 10}	{3, 4, 6}	{2, 8, 9}
{7, 4, 2, 9, 10}	{10, 9, 5, 1, 2}	{1, 2, 4, 5, 7, 9, 10}	{2, 9, 10}	{4, 7}	{1, 5}
{1, 2, 10, 7, 9}	{5, 4, 8, 1, 6}	{1, 2, 4, 5, 6, 7, 8, 9, 10}	{1}	{2, 7, 9, 10}	{4, 5, 6, 8}
{5, 9, 6, 10, 7}	{10, 5, 6, 3, 8}	{3, 5, 6, 7, 8, 9, 10}	{5, 6, 10}	{7, 9}	{3, 8}
{5, 10, 7, 3, 9}	{3, 4, 6, 7, 1}	{1, 3, 4, 5, 6, 7, 9, 10}	{3, 7}	{5, 9, 10}	{1, 4, 6}
{5, 2, 8, 3, 7}	{3, 2, 1, 10, 5}	{1, 2, 3, 5, 7, 8, 10}	{2, 3, 5}	{7, 8}	{1, 10}
{5, 9, 4, 8, 1}	{8, 7, 3, 1, 2}	{1, 2, 3, 4, 5, 7, 8, 9}	{1, 8}	{4, 5, 9}	{2, 3, 7}
{7, 9, 8, 1, 2}	{2, 8, 10, 9, 5}	{1, 2, 5, 7, 8, 9, 10}	{2, 8, 9}	{1, 7}	{5, 10}
{8, 6, 7, 1, 10}	{10, 8, 6, 7, 3}	{1, 3, 6, 7, 8, 10}	{6, 7, 8, 10}	{1}	{3}
{2, 5, 4, 1, 9}	{4, 8, 3, 1, 2}	{1, 2, 3, 4, 5, 8, 9}	{1, 2, 4}	{5, 9}	{3, 8}
{4, 8, 10, 2, 6}	{1, 4, 5, 10, 6}	{1, 2, 4, 5, 6, 8, 10}	{4, 6, 10}	{2, 8}	{1, 5}
{3, 8, 9, 6, 10}	{1, 2, 4, 6, 9}	{1, 2, 3, 4, 6, 8, 9, 10}	{6, 9}	{3, 8, 10}	{1, 2, 4}

## 3.

A	B	$A \cup B$	$A \cap B$	$A - B$	$B - A$
{5, 10, 8, 6, 1}	{5, 1, 7, 3, 9}	{1, 3, 5, 6, 7, 8, 9, 10}	{1, 5}	{6, 8, 10}	{3, 7, 9}
{10, 8, 7, 2, 4}	{4, 7, 2, 6, 9}	{2, 4, 6, 7, 8, 9, 10}	{2, 4, 7}	{8, 10}	{6, 9}
{6, 10, 3, 4, 2}	{10, 9, 3, 2, 7}	{2, 3, 4, 6, 7, 9, 10}	{2, 3, 10}	{4, 6}	{7, 9}
{1, 6, 5, 9, 4}	{5, 6, 8, 1, 7}	{1, 4, 5, 6, 7, 8, 9}	{1, 5, 6}	{4, 9}	{7, 8}
{1, 4, 10, 6, 9}	{7, 1, 6, 9, 4}	{1, 4, 6, 7, 9, 10}	{1, 4, 6, 9}	{10}	{7}
{5, 9, 8, 1, 10}	{5, 9, 7, 4, 8}	{1, 4, 5, 7, 8, 9, 10}	{5, 8, 9}	{1, 10}	{4, 7}
{3, 2, 4, 8, 7}	{5, 6, 4, 2, 8}	{2, 3, 4, 5, 6, 7, 8}	{2, 4, 8}	{3, 7}	{5, 6}
{9, 3, 7, 1, 8}	{5, 3, 8, 2, 4}	{1, 2, 3, 4, 5, 7, 8, 9}	{3, 8}	{1, 7, 9}	{2, 4, 5}
{10, 3, 8, 9, 4}	{9, 10, 8, 3, 1}	{1, 3, 4, 8, 9, 10}	{3, 8, 9, 10}	{4}	{1}
{8, 1, 7, 3, 2}	{8, 3, 6, 5, 2}	{1, 2, 3, 5, 6, 7, 8}	{2, 3, 8}	{1, 7}	{5, 6}
{1, 10, 8, 2, 5}	{3, 6, 2, 5, 4}	{1, 2, 3, 4, 5, 6, 8, 10}	{2, 5}	{1, 8, 10}	{3, 4, 6}
{3, 8, 2, 10, 1}	{9, 1, 7, 10, 6}	{1, 2, 3, 6, 7, 8, 9, 10}	{1, 10}	{2, 3, 8}	{6, 7, 9}
{10, 4, 8, 6, 9}	{10, 4, 6, 3, 5}	{3, 4, 5, 6, 8, 9, 10}	{4, 6, 10}	{8, 9}	{3, 5}
{4, 3, 6, 10, 7}	{10, 8, 7, 3, 2}	{2, 3, 4, 6, 7, 8, 10}	{3, 7, 10}	{4, 6}	{2, 8}
{1, 9, 6, 4, 7}	{8, 3, 1, 6, 4}	{1, 3, 4, 6, 7, 8, 9}	{1, 4, 6}	{7, 9}	{3, 8}
{7, 3, 5, 8, 4}	{9, 7, 5, 10, 4}	{3, 4, 5, 7, 8, 9, 10}	{4, 5, 7}	{3, 8}	{9, 10}
{8, 2, 7, 9, 6}	{6, 8, 4, 7, 1}	{1, 2, 4, 6, 7, 8, 9}	{6, 7, 8}	{2, 9}	{1, 4}
{10, 1, 6, 3, 8}	{8, 1, 4, 10, 6}	{1, 3, 4, 6, 8, 10}	{1, 6, 8, 10}	{3}	{4}
{6, 9, 10, 2, 8}	{3, 7, 6, 9, 10}	{2, 3, 6, 7, 8, 9, 10}	{6, 9, 10}	{2, 8}	{3, 7}
{8, 3, 5, 6, 4}	{9, 1, 4, 10, 6}	{1, 3, 4, 5, 6, 8, 9, 10}	{4, 6}	{3, 5, 8}	{1, 9, 10}
{7, 2, 1, 9, 5}	{7, 8, 5, 4, 6}	{1, 2, 4, 5, 6, 7, 8, 9}	{5, 7}	{1, 2, 9}	{4, 6, 8}
{7, 9, 10, 6, 5}	{7, 4, 5, 2, 1}	{1, 2, 4, 5, 6, 7, 9, 10}	{5, 7}	{6, 9, 10}	{1, 2, 4}
{7, 10, 3, 6, 8}	{10, 5, 2, 6, 7}	{2, 3, 5, 6, 7, 8, 10}	{6, 7, 10}	{3, 8}	{2, 5}
{8, 3, 5, 2, 4}	{6, 10, 2, 1, 9}	{1, 2, 3, 4, 5, 6, 8, 9, 10}	{2}	{3, 4, 5, 8}	{1, 6, 9, 10}
{6, 4, 9, 10, 1}	{4, 1, 8, 2, 10}	{1, 2, 4, 6, 8, 9, 10}	{1, 4, 10}	{6, 9}	{2, 8}
{1, 4, 6, 10, 9}	{7, 10, 8, 6, 2}	{1, 2, 4, 6, 7, 8, 9, 10}	{6, 10}	{1, 4, 9}	{2, 7, 8}
{9, 1, 4, 10, 8}	{10, 7, 9, 8, 6}	{1, 4, 6, 7, 8, 9, 10}	{8, 9, 10}	{1, 4}	{6, 7}
{9, 8, 2, 5, 1}	{2, 4, 5, 10, 8}	{1, 2, 4, 5, 8, 9, 10}	{2, 5, 8}	{1, 9}	{4, 10}
{8, 9, 6, 2, 5}	{6, 9, 4, 1, 7}	{1, 2, 4, 5, 6, 7, 8, 9}	{6, 9}	{2, 5, 8}	{1, 4, 7}
{4, 5, 8, 10, 3}	{4, 6, 3, 2, 8}	{2, 3, 4, 5, 6, 8, 10}	{3, 4, 8}	{5, 10}	{2, 6}

## 4.

A	B	$A \cup B$	$A \cap B$	$A - B$	$B - A$
{3, 4, 2, 7, 10}	{2, 3, 8, 1, 10}	{1, 2, 3, 4, 7, 8, 10}	{2, 3, 10}	{4, 7}	{1, 8}
{2, 4, 6, 8, 5}	{2, 5, 8, 4, 9}	{2, 4, 5, 6, 8, 9}	{2, 4, 5, 8}	{6}	{9}
{7, 2, 10, 4, 5}	{4, 1, 5, 8, 3}	{1, 2, 3, 4, 5, 7, 8, 10}	{4, 5}	{2, 7, 10}	{1, 3, 8}
{6, 7, 4, 2, 3}	{9, 4, 2, 3, 10}	{2, 3, 4, 6, 7, 9, 10}	{2, 3, 4}	{6, 7}	{9, 10}
{9, 8, 5, 2, 3}	{1, 10, 7, 8, 2}	{1, 2, 3, 5, 7, 8, 9, 10}	{2, 8}	{3, 5, 9}	{1, 7, 10}
{3, 9, 6, 5, 10}	{2, 9, 6, 5, 10}	{2, 3, 5, 6, 9, 10}	{5, 6, 9, 10}	{3}	{2}
{7, 2, 9, 6, 8}	{9, 10, 4, 7, 1}	{1, 2, 4, 6, 7, 8, 9, 10}	{7, 9}	{2, 6, 8}	{1, 4, 10}
{8, 3, 7, 10, 4}	{7, 8, 10, 5, 2}	{2, 3, 4, 5, 7, 8, 10}	{7, 8, 10}	{3, 4}	{2, 5}
{5, 4, 10, 3, 2}	{6, 4, 7, 5, 9}	{2, 3, 4, 5, 6, 7, 9, 10}	{4, 5}	{2, 3, 10}	{6, 7, 9}
{10, 9, 4, 8, 1}	{3, 10, 6, 4, 9}	{1, 3, 4, 6, 8, 9, 10}	{4, 9, 10}	{1, 8}	{3, 6}
{4, 7, 8, 3, 9}	{3, 7, 1, 8, 2}	{1, 2, 3, 4, 7, 8, 9}	{3, 7, 8}	{4, 9}	{1, 2}
{7, 6, 9, 1, 2}	{5, 10, 1, 6, 7}	{1, 2, 5, 6, 7, 9, 10}	{1, 6, 7}	{2, 9}	{5, 10}
{8, 6, 9, 3, 4}	{8, 1, 2, 7, 5}	{1, 2, 3, 4, 5, 6, 7, 8, 9}	{8}	{3, 4, 6, 9}	{1, 2, 5, 7}
{9, 6, 2, 1, 7}	{4, 3, 6, 5, 7}	{1, 2, 3, 4, 5, 6, 7, 9}	{6, 7}	{1, 2, 9}	{3, 4, 5}
{4, 2, 8, 5, 6}	{4, 2, 3, 10, 8}	{2, 3, 4, 5, 6, 8, 10}	{2, 4, 8}	{5, 6}	{3, 10}
{2, 7, 10, 1, 8}	{9, 5, 6, 2, 10}	{1, 2, 5, 6, 7, 8, 9, 10}	{2, 10}	{1, 7, 8}	{5, 6, 9}
{1, 3, 7, 5, 9}	{6, 9, 7, 5, 8}	{1, 3, 5, 6, 7, 8, 9}	{5, 7, 9}	{1, 3}	{6, 8}
{4, 8, 3, 10, 9}	{10, 8, 1, 5, 7}	{1, 3, 4, 5, 7, 8, 9, 10}	{8, 10}	{3, 4, 9}	{1, 5, 7}
{9, 10, 8, 1, 4}	{3, 2, 1, 9, 6}	{1, 2, 3, 4, 6, 8, 9, 10}	{1, 9}	{4, 8, 10}	{2, 3, 6}
{5, 10, 8, 4, 6}	{4, 8, 2, 6, 1}	{1, 2, 4, 5, 6, 8, 10}	{4, 6, 8}	{5, 10}	{1, 2}
{7, 2, 1, 4, 9}	{10, 4, 6, 8, 3}	{1, 2, 3, 4, 6, 7, 8, 9, 10}	{4}	{1, 2, 7, 9}	{3, 6, 8, 10}
{4, 1, 7, 3, 10}	{8, 3, 2, 10, 1}	{1, 2, 3, 4, 7, 8, 10}	{1, 3, 10}	{4, 7}	{2, 8}
{10, 5, 9, 7, 1}	{3, 8, 6, 10, 2}	{1, 2, 3, 5, 6, 7, 8, 9, 10}	{10}	{1, 5, 7, 9}	{2, 3, 6, 8}
{3, 9, 7, 10, 4}	{3, 8, 7, 4, 10}	{3, 4, 7, 8, 9, 10}	{3, 4, 7, 10}	{9}	{8}
{6, 8, 10, 9, 7}	{6, 8, 3, 7, 5}	{3, 5, 6, 7, 8, 9, 10}	{6, 7, 8}	{9, 10}	{3, 5}
{1, 8, 4, 5, 6}	{1, 9, 4, 2, 7}	{1, 2, 4, 5, 6, 7, 8, 9}	{1, 4}	{5, 6, 8}	{2, 7, 9}
{7, 8, 10, 2, 3}	{1, 10, 8, 5, 6}	{1, 2, 3, 5, 6, 7, 8, 10}	{8, 10}	{2, 3, 7}	{1, 5, 6}
{2, 3, 4, 7, 1}	{4, 3, 5, 8, 10}	{1, 2, 3, 4, 5, 7, 8, 10}	{3, 4}	{1, 2, 7}	{5, 8, 10}
{4, 2, 3, 9, 7}	{1, 6, 10, 7, 2}	{1, 2, 3, 4, 6, 7, 9, 10}	{2, 7}	{3, 4, 9}	{1, 6, 10}
{1, 10, 3, 2, 5}	{5, 8, 6, 7, 1}	{1, 2, 3, 5, 6, 7, 8, 10}	{1, 5}	{2, 3, 10}	{6, 7, 8}

## 5.

A	B	$A \cup B$	$A \cap B$	$A - B$	$B - A$
{5, 7, 1, 10, 2}	{3, 7, 9, 2, 6}	{1, 2, 3, 5, 6, 7, 9, 10}	{2, 7}	{1, 5, 10}	{3, 6, 9}
{4, 6, 3, 7, 9}	{4, 5, 6, 10, 9}	{3, 4, 5, 6, 7, 9, 10}	{4, 6, 9}	{3, 7}	{5, 10}
{1, 5, 2, 7, 9}	{5, 4, 1, 9, 2}	{1, 2, 4, 5, 7, 9}	{1, 2, 5, 9}	{7}	{4}
{9, 2, 7, 3, 5}	{1, 6, 7, 3, 2}	{1, 2, 3, 5, 6, 7, 9}	{2, 3, 7}	{5, 9}	{1, 6}
{1, 10, 4, 9, 5}	{2, 6, 7, 5, 3}	{1, 2, 3, 4, 5, 6, 7, 9, 10}	{5}	{1, 4, 9, 10}	{2, 3, 6, 7}
{1, 3, 9, 7, 4}	{1, 3, 9, 7, 6}	{1, 3, 4, 6, 7, 9}	{1, 3, 7, 9}	{4}	{6}
{8, 7, 2, 3, 4}	{7, 4, 8, 1, 6}	{1, 2, 3, 4, 6, 7, 8}	{4, 7, 8}	{2, 3}	{1, 6}
{5, 8, 1, 4, 6}	{6, 10, 8, 4, 3}	{1, 3, 4, 5, 6, 8, 10}	{4, 6, 8}	{1, 5}	{3, 10}
{10, 5, 4, 2, 3}	{2, 10, 6, 9, 3}	{2, 3, 4, 5, 6, 9, 10}	{2, 3, 10}	{4, 5}	{6, 9}
{4, 7, 1, 2, 9}	{6, 9, 10, 5, 4}	{1, 2, 4, 5, 6, 7, 9, 10}	{4, 9}	{1, 2, 7}	{5, 6, 10}
{7, 1, 6, 10, 5}	{8, 4, 9, 3, 2}	{1, 2, 3, 4, 5, 6, 7, 8, 9, 10}	{}	{1, 5, 6, 7, 10}	{2, 3, 4, 8, 9}
{9, 8, 7, 1, 2}	{10, 3, 4, 2, 7}	{1, 2, 3, 4, 7, 8, 9, 10}	{2, 7}	{1, 8, 9}	{3, 4, 10}
{1, 9, 2, 7, 5}	{10, 8, 3, 9, 7}	{1, 2, 3, 5, 7, 8, 9, 10}	{7, 9}	{1, 2, 5}	{3, 8, 10}
{9, 2, 1, 6, 5}	{5, 8, 3, 9, 1}	{1, 2, 3, 5, 6, 8, 9}	{1, 5, 9}	{2, 6}	{3, 8}
{8, 4, 5, 7, 1}	{5, 4, 7, 2, 10}	{1, 2, 4, 5, 7, 8, 10}	{4, 5, 7}	{1, 8}	{2, 10}
{3, 2, 4, 6, 1}	{5, 6, 7, 4, 8}	{1, 2, 3, 4, 5, 6, 7, 8}	{4, 6}	{1, 2, 3}	{5, 7, 8}
{3, 6, 1, 2, 7}	{10, 3, 7, 1, 2}	{1, 2, 3, 6, 7, 10}	{1, 2, 3, 7}	{6}	{10}
{4, 9, 2, 1, 8}	{6, 5, 2, 4, 7}	{1, 2, 4, 5, 6, 7, 8, 9}	{2, 4}	{1, 8, 9}	{5, 6, 7}
{5, 8, 4, 3, 9}	{3, 6, 4, 10, 7}	{3, 4, 5, 6, 7, 8, 9, 10}	{3, 4}	{5, 8, 9}	{6, 7, 10}
{1, 4, 8, 10, 6}	{1, 4, 6, 2, 8}	{1, 2, 4, 6, 8, 10}	{1, 4, 6, 8}	{10}	{2}
{3, 7, 4, 8, 9}	{10, 3, 5, 4, 9}	{3, 4, 5, 7, 8, 9, 10}	{3, 4, 9}	{7, 8}	{5, 10}
{9, 8, 1, 5, 6}	{5, 7, 3, 6, 9}	{1, 3, 5, 6, 7, 8, 9}	{5, 6, 9}	{1, 8}	{3, 7}
{1, 3, 6, 5, 2}	{1, 9, 2, 7, 10}	{1, 2, 3, 5, 6, 7, 9, 10}	{1, 2}	{3, 5, 6}	{7, 9, 10}
{1, 6, 8, 2, 7}	{3, 4, 6, 7, 5}	{1, 2, 3, 4, 5, 6, 7, 8}	{6, 7}	{1, 2, 8}	{3, 4, 5}
{10, 7, 5, 4, 9}	{5, 6, 3, 2, 9}	{2, 3, 4, 5, 6, 7, 9, 10}	{5, 9}	{4, 7, 10}	{2, 3, 6}
{4, 3, 5, 1, 8}	{2, 1, 4, 9, 3}	{1, 2, 3, 4, 5, 8, 9}	{1, 3, 4}	{5, 8}	{2, 9}
{3, 10, 7, 1, 2}	{7, 6, 4, 5, 2}	{1, 2, 3, 4, 5, 6, 7, 10}	{2, 7}	{1, 3, 10}	{4, 5, 6}
{10, 9, 5, 6, 1}	{10, 9, 1, 5, 4}	{1, 4, 5, 6, 9, 10}	{1, 5, 9, 10}	{6}	{4}
{6, 9, 3, 1, 10}	{10, 9, 8, 3, 7}	{1, 3, 6, 7, 8, 9, 10}	{3, 9, 10}	{1, 6}	{7, 8}
{3, 4, 8, 6, 10}	{8, 6, 7, 10, 1}	{1, 3, 4, 6, 7, 8, 10}	{6, 8, 10}	{3, 4}	{1, 7}

## 6.

A	B	$A \cup B$	$A \cap B$	$A - B$	$B - A$
{9, 6, 8, 10, 4}	{3, 4, 10, 6, 2}	{2, 3, 4, 6, 8, 9, 10}	{4, 6, 10}	{8, 9}	{2, 3}
{2, 8, 6, 4, 3}	{6, 2, 1, 7, 4}	{1, 2, 3, 4, 6, 7, 8}	{2, 4, 6}	{3, 8}	{1, 7}
{1, 5, 9, 2, 8}	{3, 7, 6, 5, 4}	{1, 2, 3, 4, 5, 6, 7, 8, 9}	{5}	{1, 2, 8, 9}	{3, 4, 6, 7}
{4, 9, 3, 5, 8}	{7, 6, 4, 10, 9}	{3, 4, 5, 6, 7, 8, 9, 10}	{4, 9}	{3, 5, 8}	{6, 7, 10}
{2, 5, 1, 3, 9}	{9, 8, 7, 4, 10}	{1, 2, 3, 4, 5, 7, 8, 9, 10}	{9}	{1, 2, 3, 5}	{4, 7, 8, 10}
{7, 6, 3, 10, 2}	{8, 4, 10, 2, 7}	{2, 3, 4, 6, 7, 8, 10}	{2, 7, 10}	{3, 6}	{4, 8}
{8, 10, 5, 3, 4}	{1, 6, 2, 8, 4}	{1, 2, 3, 4, 5, 6, 8, 10}	{4, 8}	{3, 5, 10}	{1, 2, 6}
{1, 5, 2, 3, 8}	{3, 5, 4, 1, 9}	{1, 2, 3, 4, 5, 8, 9}	{1, 3, 5}	{2, 8}	{4, 9}
{9, 8, 3, 1, 2}	{4, 10, 5, 8, 7}	{1, 2, 3, 4, 5, 7, 8, 9, 10}	{8}	{1, 2, 3, 9}	{4, 5, 7, 10}
{10, 7, 6, 9, 3}	{8, 4, 9, 3, 6}	{3, 4, 6, 7, 8, 9, 10}	{3, 6, 9}	{7, 10}	{4, 8}
{4, 3, 2, 9, 1}	{7, 2, 1, 6, 9}	{1, 2, 3, 4, 6, 7, 9}	{1, 2, 9}	{3, 4}	{6, 7}
{9, 6, 3, 2, 4}	{4, 6, 3, 9, 10}	{2, 3, 4, 6, 9, 10}	{3, 4, 6, 9}	{2}	{10}
{8, 4, 2, 3, 10}	{1, 6, 2, 4, 5}	{1, 2, 3, 4, 5, 6, 8, 10}	{2, 4}	{3, 8, 10}	{1, 5, 6}
{5, 8, 7, 3, 9}	{6, 2, 9, 8, 5}	{2, 3, 5, 6, 7, 8, 9}	{5, 8, 9}	{3, 7}	{2, 6}
{2, 4, 8, 9, 6}	{10, 4, 8, 9, 6}	{2, 4, 6, 8, 9, 10}	{4, 6, 8, 9}	{2}	{10}
{1, 7, 5, 3, 6}	{8, 7, 5, 10, 6}	{1, 3, 5, 6, 7, 8, 10}	{5, 6, 7}	{1, 3}	{8, 10}
{2, 6, 5, 9, 1}	{1, 7, 8, 3, 4}	{1, 2, 3, 4, 5, 6, 7, 8, 9}	{1}	{2, 5, 6, 9}	{3, 4, 7, 8}
{1, 9, 7, 10, 2}	{6, 1, 3, 4, 2}	{1, 2, 3, 4, 6, 7, 9, 10}	{1, 2}	{7, 9, 10}	{3, 4, 6}
{7, 1, 3, 9, 8}	{8, 3, 9, 5, 2}	{1, 2, 3, 5, 7, 8, 9}	{3, 8, 9}	{1, 7}	{2, 5}
{6, 8, 7, 4, 2}	{7, 5, 8, 4, 3}	{2, 3, 4, 5, 6, 7, 8}	{4, 7, 8}	{2, 6}	{3, 5}
{2, 5, 4, 1, 9}	{5, 3, 8, 1, 2}	{1, 2, 3, 4, 5, 8, 9}	{1, 2, 5}	{4, 9}	{3, 8}
{9, 10, 4, 8, 5}	{1, 5, 10, 3, 9}	{1, 3, 4, 5, 8, 9, 10}	{5, 9, 10}	{4, 8}	{1, 3}
{5, 2, 1, 4, 8}	{9, 6, 10, 4, 8}	{1, 2, 4, 5, 6, 8, 9, 10}	{4, 8}	{1, 2, 5}	{6, 9, 10}
{2, 9, 4, 3, 1}	{3, 8, 10, 5, 1}	{1, 2, 3, 4, 5, 8, 9, 10}	{1, 3}	{2, 4, 9}	{5, 8, 10}
{1, 5, 2, 10, 4}	{5, 8, 9, 4, 2}	{1, 2, 4, 5, 8, 9, 10}	{2, 4, 5}	{1, 10}	{8, 9}
{4, 7, 2, 10, 8}	{7, 6, 4, 10, 3}	{2, 3, 4, 6, 7, 8, 10}	{4, 7, 10}	{2, 8}	{3, 6}
{10, 4, 6, 9, 2}	{9, 4, 7, 6, 8}	{2, 4, 6, 7, 8, 9, 10}	{4, 6, 9}	{2, 10}	{7, 8}
{8, 2, 1, 4, 7}	{2, 8, 3, 6, 4}	{1, 2, 3, 4, 6, 7, 8}	{2, 4, 8}	{1, 7}	{3, 6}
{8, 10, 2, 4, 3}	{9, 7, 10, 8, 6}	{2, 3, 4, 6, 7, 8, 9, 10}	{8, 10}	{2, 3, 4}	{6, 7, 9}
{3, 8, 5, 10, 1}	{6, 5, 2, 4, 10}	{1, 2, 3, 4, 5, 6, 8, 10}	{5, 10}	{1, 3, 8}	{2, 4, 6}

## 7.

A	B	$A \cup B$	$A \cap B$	$A - B$	$B - A$
{1, 6, 7, 9, 3}	{3, 10, 5, 6, 2}	{1, 2, 3, 5, 6, 7, 9, 10}	{3, 6}	{1, 7, 9}	{2, 5, 10}
{8, 5, 3, 4, 10}	{6, 3, 10, 7, 9}	{3, 4, 5, 6, 7, 8, 9, 10}	{3, 10}	{4, 5, 8}	{6, 7, 9}
{9, 1, 3, 4, 8}	{10, 9, 3, 6, 2}	{1, 2, 3, 4, 6, 8, 9, 10}	{3, 9}	{1, 4, 8}	{2, 6, 10}
{4, 2, 1, 6, 3}	{4, 8, 1, 2, 9}	{1, 2, 3, 4, 6, 8, 9}	{1, 2, 4}	{3, 6}	{8, 9}
{10, 3, 6, 5, 9}	{5, 7, 8, 2, 9}	{2, 3, 5, 6, 7, 8, 9, 10}	{5, 9}	{3, 6, 10}	{2, 7, 8}
{10, 1, 3, 6, 9}	{9, 4, 2, 3, 7}	{1, 2, 3, 4, 6, 7, 9, 10}	{3, 9}	{1, 6, 10}	{2, 4, 7}
{2, 5, 9, 4, 1}	{4, 9, 3, 8, 1}	{1, 2, 3, 4, 5, 8, 9}	{1, 4, 9}	{2, 5}	{3, 8}
{9, 7, 2, 4, 5}	{1, 3, 9, 5, 8}	{1, 2, 3, 4, 5, 7, 8, 9}	{5, 9}	{2, 4, 7}	{1, 3, 8}
{8, 2, 1, 10, 7}	{3, 10, 9, 4, 1}	{1, 2, 3, 4, 7, 8, 9, 10}	{1, 10}	{2, 7, 8}	{3, 4, 9}
{4, 6, 10, 2, 8}	{7, 10, 2, 5, 3}	{2, 3, 4, 5, 6, 7, 8, 10}	{2, 10}	{4, 6, 8}	{3, 5, 7}
{8, 5, 4, 7, 10}	{9, 3, 5, 7, 8}	{3, 4, 5, 7, 8, 9, 10}	{5, 7, 8}	{4, 10}	{3, 9}
{9, 2, 10, 8, 3}	{6, 4, 3, 9, 10}	{2, 3, 4, 6, 8, 9, 10}	{3, 9, 10}	{2, 8}	{4, 6}
{2, 1, 4, 6, 3}	{2, 4, 5, 7, 3}	{1, 2, 3, 4, 5, 6, 7}	{2, 3, 4}	{1, 6}	{5, 7}
{9, 2, 6, 5, 7}	{6, 3, 9, 2, 4}	{2, 3, 4, 5, 6, 7, 9}	{2, 6, 9}	{5, 7}	{3, 4}
{9, 5, 4, 10, 2}	{3, 9, 10, 1, 7}	{1, 2, 3, 4, 5, 7, 9, 10}	{9, 10}	{2, 4, 5}	{1, 3, 7}
{6, 2, 4, 7, 10}	{1, 10, 7, 9, 6}	{1, 2, 4, 6, 7, 9, 10}	{6, 7, 10}	{2, 4}	{1, 9}
{8, 2, 6, 9, 7}	{7, 6, 8, 9, 10}	{2, 6, 7, 8, 9, 10}	{6, 7, 8, 9}	{2}	{10}
{1, 9, 6, 7, 2}	{3, 9, 7, 5, 2}	{1, 2, 3, 5, 6, 7, 9}	{2, 7, 9}	{1, 6}	{3, 5}
{3, 7, 9, 1, 2}	{5, 7, 6, 3, 10}	{1, 2, 3, 5, 6, 7, 9, 10}	{3, 7}	{1, 2, 9}	{5, 6, 10}
{1, 10, 9, 4, 6}	{9, 1, 7, 4, 6}	{1, 4, 6, 7, 9, 10}	{1, 4, 6, 9}	{10}	{7}
{4, 8, 5, 1, 10}	{4, 1, 9, 6, 8}	{1, 4, 5, 6, 8, 9, 10}	{1, 4, 8}	{5, 10}	{6, 9}
{5, 10, 1, 8, 6}	{3, 6, 2, 9, 4}	{1, 2, 3, 4, 5, 6, 8, 9, 10}	{6}	{1, 5, 8, 10}	{2, 3, 4, 9}
{3, 9, 6, 8, 10}	{6, 7, 4, 10, 5}	{3, 4, 5, 6, 7, 8, 9, 10}	{6, 10}	{3, 8, 9}	{4, 5, 7}
{5, 9, 8, 1, 10}	{9, 10, 6, 2, 8}	{1, 2, 5, 6, 8, 9, 10}	{8, 9, 10}	{1, 5}	{2, 6}
{2, 7, 8, 3, 4}	{4, 10, 1, 6, 8}	{1, 2, 3, 4, 6, 7, 8, 10}	{4, 8}	{2, 3, 7}	{1, 6, 10}
{9, 1, 2, 3, 4}	{5, 8, 2, 4, 10}	{1, 2, 3, 4, 5, 8, 9, 10}	{2, 4}	{1, 3, 9}	{5, 8, 10}
{5, 9, 8, 1, 3}	{5, 2, 4, 6, 3}	{1, 2, 3, 4, 5, 6, 8, 9}	{3, 5}	{1, 8, 9}	{2, 4, 6}
{5, 2, 8, 3, 9}	{5, 10, 4, 1, 9}	{1, 2, 3, 4, 5, 8, 9, 10}	{5, 9}	{2, 3, 8}	{1, 4, 10}
{6, 4, 7, 9, 8}	{4, 10, 2, 9, 6}	{2, 4, 6, 7, 8, 9, 10}	{4, 6, 9}	{7, 8}	{2, 10}
{2, 10, 4, 5, 1}	{6, 3, 5, 8, 7}	{1, 2, 3, 4, 5, 6, 7, 8, 10}	{5}	{1, 2, 4, 10}	{3, 6, 7, 8}

## 8.

A	B	$A \cup B$	$A \cap B$	$A - B$	$B - A$
{2, 9, 8, 1, 7}	{5, 6, 2, 9, 7}	{1, 2, 5, 6, 7, 8, 9}	{2, 7, 9}	{1, 8}	{5, 6}
{10, 7, 6, 1, 2}	{4, 9, 10, 5, 6}	{1, 2, 4, 5, 6, 7, 9, 10}	{6, 10}	{1, 2, 7}	{4, 5, 9}
{3, 7, 5, 4, 8}	{4, 2, 5, 6, 1}	{1, 2, 3, 4, 5, 6, 7, 8}	{4, 5}	{3, 7, 8}	{1, 2, 6}
{7, 9, 4, 1, 10}	{10, 4, 6, 2, 7}	{1, 2, 4, 6, 7, 9, 10}	{4, 7, 10}	{1, 9}	{2, 6}
{10, 1, 7, 6, 9}	{10, 9, 3, 5, 7}	{1, 3, 5, 6, 7, 9, 10}	{7, 9, 10}	{1, 6}	{3, 5}
{1, 9, 6, 5, 10}	{5, 10, 6, 9, 1}	{1, 5, 6, 9, 10}	{1, 5, 6, 9, 10}	{}	{}
{5, 1, 4, 6, 2}	{5, 1, 10, 8, 2}	{1, 2, 4, 5, 6, 8, 10}	{1, 2, 5}	{4, 6}	{8, 10}
{3, 7, 2, 8, 4}	{9, 4, 3, 7, 2}	{2, 3, 4, 7, 8, 9}	{2, 3, 4, 7}	{8}	{9}
{6, 8, 10, 4, 3}	{2, 10, 7, 8, 4}	{2, 3, 4, 6, 7, 8, 10}	{4, 8, 10}	{3, 6}	{2, 7}
{10, 2, 9, 4, 7}	{2, 9, 3, 7, 4}	{2, 3, 4, 7, 9, 10}	{2, 4, 7, 9}	{10}	{3}
{7, 9, 2, 1, 8}	{10, 2, 5, 8, 4}	{1, 2, 4, 5, 7, 8, 9, 10}	{2, 8}	{1, 7, 9}	{4, 5, 10}
{5, 6, 2, 10, 4}	{9, 8, 5, 1, 7}	{1, 2, 4, 5, 6, 7, 8, 9, 10}	{5}	{2, 4, 6, 10}	{1, 7, 8, 9}
{1, 3, 8, 6, 4}	{6, 2, 10, 9, 4}	{1, 2, 3, 4, 6, 8, 9, 10}	{4, 6}	{1, 3, 8}	{2, 9, 10}
{3, 2, 8, 7, 5}	{8, 10, 4, 5, 7}	{2, 3, 4, 5, 7, 8, 10}	{5, 7, 8}	{2, 3}	{4, 10}
{8, 5, 2, 10, 1}	{10, 4, 8, 5, 3}	{1, 2, 3, 4, 5, 8, 10}	{5, 8, 10}	{1, 2}	{3, 4}
{4, 2, 3, 7, 8}	{1, 3, 2, 5, 9}	{1, 2, 3, 4, 5, 7, 8, 9}	{2, 3}	{4, 7, 8}	{1, 5, 9}
{7, 6, 8, 10, 9}	{5, 2, 6, 10, 4}	{2, 4, 5, 6, 7, 8, 9, 10}	{6, 10}	{7, 8, 9}	{2, 4, 5}
{9, 3, 4, 5, 10}	{10, 7, 6, 3, 9}	{3, 4, 5, 6, 7, 9, 10}	{3, 9, 10}	{4, 5}	{6, 7}
{4, 5, 10, 7, 1}	{5, 10, 2, 3, 9}	{1, 2, 3, 4, 5, 7, 9, 10}	{5, 10}	{1, 4, 7}	{2, 3, 9}
{6, 9, 8, 2, 1}	{6, 3, 10, 7, 5}	{1, 2, 3, 5, 6, 7, 8, 9, 10}	{6}	{1, 2, 8, 9}	{3, 5, 7, 10}
{8, 2, 7, 10, 9}	{1, 6, 10, 4, 3}	{1, 2, 3, 4, 6, 7, 8, 9, 10}	{10}	{2, 7, 8, 9}	{1, 3, 4, 6}
{4, 9, 1, 7, 2}	{10, 2, 9, 4, 1}	{1, 2, 4, 7, 9, 10}	{1, 2, 4, 9}	{7}	{10}
{5, 3, 1, 8, 2}	{2, 1, 9, 10, 7}	{1, 2, 3, 5, 7, 8, 9, 10}	{1, 2}	{3, 5, 8}	{7, 9, 10}
{2, 3, 7, 9, 4}	{10, 8, 9, 5, 2}	{2, 3, 4, 5, 7, 8, 9, 10}	{2, 9}	{3, 4, 7}	{5, 8, 10}
{5, 8, 3, 2, 4}	{6, 7, 10, 5, 8}	{2, 3, 4, 5, 6, 7, 8, 10}	{5, 8}	{2, 3, 4}	{6, 7, 10}
{8, 10, 4, 3, 6}	{6, 10, 2, 7, 4}	{2, 3, 4, 6, 7, 8, 10}	{4, 6, 10}	{3, 8}	{2, 7}
{5, 4, 7, 9, 6}	{6, 3, 4, 7, 8}	{3, 4, 5, 6, 7, 8, 9}	{4, 6, 7}	{5, 9}	{3, 8}
{9, 7, 8, 3, 5}	{8, 5, 2, 10, 6}	{2, 3, 5, 6, 7, 8, 9, 10}	{5, 8}	{3, 7, 9}	{2, 6, 10}
{2, 9, 5, 1, 4}	{5, 10, 6, 7, 9}	{1, 2, 4, 5, 6, 7, 9, 10}	{5, 9}	{1, 2, 4}	{6, 7, 10}
{2, 7, 5, 6, 1}	{3, 9, 6, 2, 7}	{1, 2, 3, 5, 6, 7, 9}	{2, 6, 7}	{1, 5}	{3, 9}

## 9.

A	B	$A \cup B$	$A \cap B$	$A - B$	$B - A$
{5, 2, 8, 1, 4}	{10, 4, 1, 2, 8}	{1, 2, 4, 5, 8, 10}	{1, 2, 4, 8}	{5}	{10}
{8, 3, 1, 2, 10}	{10, 9, 8, 7, 2}	{1, 2, 3, 7, 8, 9, 10}	{2, 8, 10}	{1, 3}	{7, 9}
{1, 9, 3, 7, 10}	{3, 8, 2, 5, 10}	{1, 2, 3, 5, 7, 8, 9, 10}	{3, 10}	{1, 7, 9}	{2, 5, 8}
{8, 10, 6, 3, 2}	{1, 2, 4, 10, 7}	{1, 2, 3, 4, 6, 7, 8, 10}	{2, 10}	{3, 6, 8}	{1, 4, 7}
{1, 3, 4, 2, 6}	{8, 4, 3, 6, 9}	{1, 2, 3, 4, 6, 8, 9}	{3, 4, 6}	{1, 2}	{8, 9}
{7, 4, 10, 3, 2}	{3, 9, 1, 8, 6}	{1, 2, 3, 4, 6, 7, 8, 9, 10}	{3}	{2, 4, 7, 10}	{1, 6, 8, 9}
{6, 5, 4, 1, 2}	{3, 10, 5, 8, 4}	{1, 2, 3, 4, 5, 6, 8, 10}	{4, 5}	{1, 2, 6}	{3, 8, 10}
{2, 3, 7, 5, 1}	{1, 3, 8, 2, 10}	{1, 2, 3, 5, 7, 8, 10}	{1, 2, 3}	{5, 7}	{8, 10}
{1, 8, 4, 6, 3}	{8, 5, 9, 10, 3}	{1, 3, 4, 5, 6, 8, 9, 10}	{3, 8}	{1, 4, 6}	{5, 9, 10}
{5, 2, 8, 3, 7}	{2, 7, 3, 5, 10}	{2, 3, 5, 7, 8, 10}	{2, 3, 5, 7}	{8}	{10}
{8, 4, 10, 1, 2}	{8, 5, 4, 1, 10}	{1, 2, 4, 5, 8, 10}	{1, 4, 8, 10}	{2}	{5}
{1, 2, 9, 7, 3}	{6, 9, 4, 2, 7}	{1, 2, 3, 4, 6, 7, 9}	{2, 7, 9}	{1, 3}	{4, 6}
{4, 5, 6, 10, 2}	{3, 1, 8, 5, 7}	{1, 2, 3, 4, 5, 6, 7, 8, 10}	{5}	{2, 4, 6, 10}	{1, 3, 7, 8}
{8, 7, 2, 5, 4}	{3, 10, 8, 6, 1}	{1, 2, 3, 4, 5, 6, 7, 8, 10}	{8}	{2, 4, 5, 7}	{1, 3, 6, 10}
{9, 7, 8, 6, 10}	{4, 3, 9, 6, 5}	{3, 4, 5, 6, 7, 8, 9, 10}	{6, 9}	{7, 8, 10}	{3, 4, 5}
{10, 3, 5, 7, 9}	{8, 7, 5, 2, 9}	{2, 3, 5, 7, 8, 9, 10}	{5, 7, 9}	{3, 10}	{2, 8}
{3, 5, 10, 9, 6}	{7, 10, 9, 5, 1}	{1, 3, 5, 6, 7, 9, 10}	{5, 9, 10}	{3, 6}	{1, 7}
{3, 9, 1, 6, 4}	{9, 1, 8, 5, 10}	{1, 3, 4, 5, 6, 8, 9, 10}	{1, 9}	{3, 4, 6}	{5, 8, 10}
{7, 5, 3, 9, 8}	{8, 3, 7, 5, 10}	{3, 5, 7, 8, 9, 10}	{3, 5, 7, 8}	{9}	{10}
{9, 6, 3, 4, 7}	{2, 8, 10, 9, 6}	{2, 3, 4, 6, 7, 8, 9, 10}	{6, 9}	{3, 4, 7}	{2, 8, 10}
{9, 2, 8, 6, 7}	{6, 7, 3, 2, 8}	{2, 3, 6, 7, 8, 9}	{2, 6, 7, 8}	{9}	{3}
{4, 10, 8, 2, 9}	{4, 1, 2, 5, 3}	{1, 2, 3, 4, 5, 8, 9, 10}	{2, 4}	{8, 9, 10}	{1, 3, 5}
{5, 8, 4, 3, 9}	{2, 7, 4, 3, 6}	{2, 3, 4, 5, 6, 7, 8, 9}	{3, 4}	{5, 8, 9}	{2, 6, 7}
{10, 1, 7, 5, 3}	{8, 4, 2, 5, 7}	{1, 2, 3, 4, 5, 7, 8, 10}	{5, 7}	{1, 3, 10}	{2, 4, 8}
{5, 6, 10, 4, 3}	{2, 3, 9, 10, 4}	{2, 3, 4, 5, 6, 9, 10}	{3, 4, 10}	{5, 6}	{2, 9}
{2, 8, 4, 10, 9}	{9, 6, 1, 5, 2}	{1, 2, 4, 5, 6, 8, 9, 10}	{2, 9}	{4, 8, 10}	{1, 5, 6}
{7, 4, 2, 5, 10}	{3, 8, 2, 5, 6}	{2, 3, 4, 5, 6, 7, 8, 10}	{2, 5}	{4, 7, 10}	{3, 6, 8}
{3, 2, 5, 1, 6}	{6, 5, 10, 3, 7}	{1, 2, 3, 5, 6, 7, 10}	{3, 5, 6}	{1, 2}	{7, 10}
{5, 7, 8, 9, 6}	{3, 6, 10, 1, 8}	{1, 3, 5, 6, 7, 8, 9, 10}	{6, 8}	{5, 7, 9}	{1, 3, 10}
{9, 10, 1, 6, 8}	{8, 9, 7, 10, 4}	{1, 4, 6, 7, 8, 9, 10}	{8, 9, 10}	{1, 6}	{4, 7}



## 10.

A	B	A∪B	A∩B	A-B	B-A
{7, 4, 2, 10, 1}	{6, 7, 5, 3, 1}	{1, 2, 3, 4, 5, 6, 7, 10}	{1, 7}	{2, 4, 10}	{3, 5, 6}
{4, 5, 8, 7, 3}	{5, 4, 1, 9, 8}	{1, 3, 4, 5, 7, 8, 9}	{4, 5, 8}	{3, 7}	{1, 9}
{1, 10, 7, 6, 3}	{2, 6, 9, 10, 8}	{1, 2, 3, 6, 7, 8, 9, 10}	{6, 10}	{1, 3, 7}	{2, 8, 9}
{4, 5, 8, 6, 1}	{1, 4, 7, 3, 9}	{1, 3, 4, 5, 6, 7, 8, 9}	{1, 4}	{5, 6, 8}	{3, 7, 9}
{1, 8, 10, 5, 4}	{5, 9, 1, 10, 6}	{1, 4, 5, 6, 8, 9, 10}	{1, 5, 10}	{4, 8}	{6, 9}
{10, 4, 6, 5, 2}	{1, 3, 5, 4, 8}	{1, 2, 3, 4, 5, 6, 8, 10}	{4, 5}	{2, 6, 10}	{1, 3, 8}
{7, 4, 1, 10, 3}	{8, 5, 1, 7, 4}	{1, 3, 4, 5, 7, 8, 10}	{1, 4, 7}	{3, 10}	{5, 8}
{7, 8, 10, 6, 3}	{7, 1, 5, 4, 2}	{1, 2, 3, 4, 5, 6, 7, 8, 10}	{7}	{3, 6, 8, 10}	{1, 2, 4, 5}
{8, 3, 1, 6, 5}	{5, 8, 9, 1, 3}	{1, 3, 5, 6, 8, 9}	{1, 3, 5, 8}	{6}	{9}
{10, 4, 8, 9, 2}	{9, 7, 5, 8, 2}	{2, 4, 5, 7, 8, 9, 10}	{2, 8, 9}	{4, 10}	{5, 7}
{4, 9, 2, 5, 1}	{6, 3, 7, 10, 8}	{1, 2, 3, 4, 5, 6, 7, 8, 9, 10}	{}	{1, 2, 4, 5, 9}	{3, 6, 7, 8, 10}
{9, 3, 10, 6, 7}	{1, 10, 3, 2, 8}	{1, 2, 3, 6, 7, 8, 9, 10}	{3, 10}	{6, 7, 9}	{1, 2, 8}
{6, 10, 7, 9, 1}	{7, 4, 1, 2, 6}	{1, 2, 4, 6, 7, 9, 10}	{1, 6, 7}	{9, 10}	{2, 4}
{5, 6, 9, 1, 10}	{8, 2, 1, 9, 3}	{1, 2, 3, 5, 6, 8, 9, 10}	{1, 9}	{5, 6, 10}	{2, 3, 8}
{1, 4, 6, 9, 10}	{6, 1, 10, 3, 9}	{1, 3, 4, 6, 9, 10}	{1, 6, 9, 10}	{4}	{3}
{3, 7, 9, 8, 5}	{9, 3, 6, 10, 1}	{1, 3, 5, 6, 7, 8, 9, 10}	{3, 9}	{5, 7, 8}	{1, 6, 10}
{10, 3, 1, 9, 7}	{1, 8, 9, 2, 7}	{1, 2, 3, 7, 8, 9, 10}	{1, 7, 9}	{3, 10}	{2, 8}
{9, 4, 10, 3, 6}	{9, 10, 2, 7, 5}	{2, 3, 4, 5, 6, 7, 9, 10}	{9, 10}	{3, 4, 6}	{2, 5, 7}
{9, 2, 4, 3, 8}	{6, 8, 1, 4, 9}	{1, 2, 3, 4, 6, 8, 9}	{4, 8, 9}	{2, 3}	{1, 6}
{2, 5, 8, 10, 4}	{7, 1, 8, 10, 5}	{1, 2, 4, 5, 7, 8, 10}	{5, 8, 10}	{2, 4}	{1, 7}
{5, 4, 3, 6, 9}	{10, 5, 3, 8, 7}	{3, 4, 5, 6, 7, 8, 9, 10}	{3, 5}	{4, 6, 9}	{7, 8, 10}
{2, 6, 9, 4, 8}	{4, 1, 7, 3, 9}	{1, 2, 3, 4, 6, 7, 8, 9}	{4, 9}	{2, 6, 8}	{1, 3, 7}
{10, 8, 1, 2, 7}	{5, 10, 7, 2, 6}	{1, 2, 5, 6, 7, 8, 10}	{2, 7, 10}	{1, 8}	{5, 6}
{3, 5, 2, 10, 6}	{5, 9, 4, 3, 6}	{2, 3, 4, 5, 6, 9, 10}	{3, 5, 6}	{2, 10}	{4, 9}
{7, 2, 8, 9, 3}	{5, 1, 7, 4, 6}	{1, 2, 3, 4, 5, 6, 7, 8, 9}	{7}	{2, 3, 8, 9}	{1, 4, 5, 6}
{1, 6, 3, 2, 9}	{8, 7, 2, 6, 5}	{1, 2, 3, 5, 6, 7, 8, 9}	{2, 6}	{1, 3, 9}	{5, 7, 8}
{9, 5, 7, 4, 1}	{8, 1, 5, 9, 6}	{1, 4, 5, 6, 7, 8, 9}	{1, 5, 9}	{4, 7}	{6, 8}
{9, 1, 7, 5, 2}	{10, 4, 1, 5, 2}	{1, 2, 4, 5, 7, 9, 10}	{1, 2, 5}	{7, 9}	{4, 10}
{3, 5, 1, 10, 7}	{10, 6, 2, 5, 1}	{1, 2, 3, 5, 6, 7, 10}	{1, 5, 10}	{3, 7}	{2, 6}
{2, 9, 4, 7, 6}	{4, 2, 3, 9, 5}	{2, 3, 4, 5, 6, 7, 9}	{2, 4, 9}	{6, 7}	{3, 5}

## 11.

A	B	$A \cup B$	$A \cap B$	$A - B$	$B - A$
{10, 4, 2, 9, 6}	{4, 5, 10, 7, 2}	{2, 4, 5, 6, 7, 9, 10}	{2, 4, 10}	{6, 9}	{5, 7}
{5, 3, 6, 7, 1}	{4, 9, 8, 5, 2}	{1, 2, 3, 4, 5, 6, 7, 8, 9}	{5}	{1, 3, 6, 7}	{2, 4, 8, 9}
{10, 1, 4, 5, 6}	{8, 2, 3, 9, 5}	{1, 2, 3, 4, 5, 6, 8, 9, 10}	{5}	{1, 4, 6, 10}	{2, 3, 8, 9}
{1, 4, 9, 8, 3}	{3, 8, 1, 10, 9}	{1, 3, 4, 8, 9, 10}	{1, 3, 8, 9}	{4}	{10}
{5, 6, 2, 4, 8}	{8, 4, 2, 5, 9}	{2, 4, 5, 6, 8, 9}	{2, 4, 5, 8}	{6}	{9}
{9, 2, 6, 10, 8}	{3, 5, 6, 10, 1}	{1, 2, 3, 5, 6, 8, 9, 10}	{6, 10}	{2, 8, 9}	{1, 3, 5}
{5, 2, 6, 10, 4}	{1, 7, 4, 6, 10}	{1, 2, 4, 5, 6, 7, 10}	{4, 6, 10}	{2, 5}	{1, 7}
{4, 9, 10, 2, 7}	{1, 3, 2, 4, 7}	{1, 2, 3, 4, 7, 9, 10}	{2, 4, 7}	{9, 10}	{1, 3}
{2, 10, 1, 5, 8}	{5, 8, 1, 6, 2}	{1, 2, 5, 6, 8, 10}	{1, 2, 5, 8}	{10}	{6}
{9, 10, 6, 3, 4}	{3, 1, 8, 5, 10}	{1, 3, 4, 5, 6, 8, 9, 10}	{3, 10}	{4, 6, 9}	{1, 5, 8}
{2, 6, 7, 9, 5}	{6, 8, 10, 1, 5}	{1, 2, 5, 6, 7, 8, 9, 10}	{5, 6}	{2, 7, 9}	{1, 8, 10}
{6, 2, 8, 3, 4}	{10, 4, 3, 1, 7}	{1, 2, 3, 4, 6, 7, 8, 10}	{3, 4}	{2, 6, 8}	{1, 7, 10}
{6, 1, 9, 5, 3}	{2, 8, 3, 10, 9}	{1, 2, 3, 5, 6, 8, 9, 10}	{3, 9}	{1, 5, 6}	{2, 8, 10}
{3, 6, 8, 1, 2}	{1, 3, 10, 4, 9}	{1, 2, 3, 4, 6, 8, 9, 10}	{1, 3}	{2, 6, 8}	{4, 9, 10}
{10, 3, 2, 4, 7}	{9, 2, 7, 1, 5}	{1, 2, 3, 4, 5, 7, 9, 10}	{2, 7}	{3, 4, 10}	{1, 5, 9}
{1, 8, 4, 3, 6}	{8, 2, 1, 10, 6}	{1, 2, 3, 4, 6, 8, 10}	{1, 6, 8}	{3, 4}	{2, 10}
{5, 2, 7, 3, 9}	{10, 4, 7, 9, 3}	{2, 3, 4, 5, 7, 9, 10}	{3, 7, 9}	{2, 5}	{4, 10}
{8, 2, 10, 6, 5}	{6, 5, 3, 8, 9}	{2, 3, 5, 6, 8, 9, 10}	{5, 6, 8}	{2, 10}	{3, 9}
{1, 8, 10, 7, 6}	{1, 6, 7, 4, 9}	{1, 4, 6, 7, 8, 9, 10}	{1, 6, 7}	{8, 10}	{4, 9}
{7, 6, 8, 2, 3}	{1, 7, 2, 5, 6}	{1, 2, 3, 5, 6, 7, 8}	{2, 6, 7}	{3, 8}	{1, 5}
{7, 4, 1, 8, 3}	{10, 8, 9, 2, 4}	{1, 2, 3, 4, 7, 8, 9, 10}	{4, 8}	{1, 3, 7}	{2, 9, 10}
{3, 4, 9, 6, 5}	{1, 7, 9, 2, 10}	{1, 2, 3, 4, 5, 6, 7, 9, 10}	{9}	{3, 4, 5, 6}	{1, 2, 7, 10}
{2, 10, 9, 8, 3}	{9, 10, 4, 6, 8}	{2, 3, 4, 6, 8, 9, 10}	{8, 9, 10}	{2, 3}	{4, 6}
{1, 10, 6, 5, 3}	{5, 2, 9, 10, 4}	{1, 2, 3, 4, 5, 6, 9, 10}	{5, 10}	{1, 3, 6}	{2, 4, 9}
{5, 8, 4, 6, 9}	{4, 3, 7, 8, 5}	{3, 4, 5, 6, 7, 8, 9}	{4, 5, 8}	{6, 9}	{3, 7}
{9, 5, 3, 8, 2}	{8, 5, 6, 10, 9}	{2, 3, 5, 6, 8, 9, 10}	{5, 8, 9}	{2, 3}	{6, 10}
{6, 9, 1, 4, 5}	{9, 7, 8, 6, 3}	{1, 3, 4, 5, 6, 7, 8, 9}	{6, 9}	{1, 4, 5}	{3, 7, 8}
{6, 8, 10, 4, 9}	{10, 9, 8, 3, 4}	{3, 4, 6, 8, 9, 10}	{4, 8, 9, 10}	{6}	{3}
{7, 8, 2, 6, 4}	{7, 5, 2, 4, 1}	{1, 2, 4, 5, 6, 7, 8}	{2, 4, 7}	{6, 8}	{1, 5}
{8, 3, 10, 9, 1}	{5, 2, 8, 3, 9}	{1, 2, 3, 5, 8, 9, 10}	{3, 8, 9}	{1, 10}	{2, 5}

## 12.

A	B	$A \cup B$	$A \cap B$	$A - B$	$B - A$
{4, 10, 8, 5, 2}	{10, 1, 5, 9, 3}	{1, 2, 3, 4, 5, 8, 9, 10}	{5, 10}	{2, 4, 8}	{1, 3, 9}
{2, 7, 1, 10, 4}	{5, 10, 2, 7, 6}	{1, 2, 4, 5, 6, 7, 10}	{2, 7, 10}	{1, 4}	{5, 6}
{1, 3, 6, 5, 7}	{6, 1, 10, 2, 7}	{1, 2, 3, 5, 6, 7, 10}	{1, 6, 7}	{3, 5}	{2, 10}
{5, 2, 9, 1, 10}	{3, 4, 10, 8, 6}	{1, 2, 3, 4, 5, 6, 8, 9, 10}	{10}	{1, 2, 5, 9}	{3, 4, 6, 8}
{3, 10, 1, 2, 9}	{9, 6, 2, 3, 7}	{1, 2, 3, 6, 7, 9, 10}	{2, 3, 9}	{1, 10}	{6, 7}
{1, 2, 3, 10, 7}	{1, 8, 4, 7, 6}	{1, 2, 3, 4, 6, 7, 8, 10}	{1, 7}	{2, 3, 10}	{4, 6, 8}
{8, 7, 10, 6, 3}	{8, 3, 2, 10, 6}	{2, 3, 6, 7, 8, 10}	{3, 6, 8, 10}	{7}	{2}
{9, 5, 7, 10, 2}	{2, 3, 4, 9, 1}	{1, 2, 3, 4, 5, 7, 9, 10}	{2, 9}	{5, 7, 10}	{1, 3, 4}
{8, 1, 5, 2, 9}	{5, 7, 1, 4, 10}	{1, 2, 4, 5, 7, 8, 9, 10}	{1, 5}	{2, 8, 9}	{4, 7, 10}
{7, 2, 4, 9, 3}	{3, 1, 9, 2, 4}	{1, 2, 3, 4, 7, 9}	{2, 3, 4, 9}	{7}	{1}
{4, 10, 3, 6, 8}	{1, 10, 9, 5, 2}	{1, 2, 3, 4, 5, 6, 8, 9, 10}	{10}	{3, 4, 6, 8}	{1, 2, 5, 9}
{7, 2, 4, 1, 3}	{4, 6, 2, 3, 5}	{1, 2, 3, 4, 5, 6, 7}	{2, 3, 4}	{1, 7}	{5, 6}
{3, 1, 7, 8, 4}	{6, 3, 2, 10, 8}	{1, 2, 3, 4, 6, 7, 8, 10}	{3, 8}	{1, 4, 7}	{2, 6, 10}
{10, 8, 7, 3, 6}	{6, 3, 5, 2, 8}	{2, 3, 5, 6, 7, 8, 10}	{3, 6, 8}	{7, 10}	{2, 5}
{9, 6, 5, 4, 2}	{6, 1, 2, 8, 9}	{1, 2, 4, 5, 6, 8, 9}	{2, 6, 9}	{4, 5}	{1, 8}
{4, 5, 9, 3, 2}	{9, 10, 5, 7, 1}	{1, 2, 3, 4, 5, 7, 9, 10}	{5, 9}	{2, 3, 4}	{1, 7, 10}
{8, 1, 5, 2, 10}	{1, 3, 5, 2, 9}	{1, 2, 3, 5, 8, 9, 10}	{1, 2, 5}	{8, 10}	{3, 9}
{7, 9, 1, 3, 4}	{5, 8, 7, 2, 1}	{1, 2, 3, 4, 5, 7, 8, 9}	{1, 7}	{3, 4, 9}	{2, 5, 8}
{1, 10, 9, 3, 2}	{3, 1, 9, 4, 8}	{1, 2, 3, 4, 8, 9, 10}	{1, 3, 9}	{2, 10}	{4, 8}
{2, 4, 8, 7, 10}	{6, 3, 5, 1, 2}	{1, 2, 3, 4, 5, 6, 7, 8, 10}	{2}	{4, 7, 8, 10}	{1, 3, 5, 6}
{5, 1, 7, 4, 10}	{4, 10, 8, 7, 3}	{1, 3, 4, 5, 7, 8, 10}	{4, 7, 10}	{1, 5}	{3, 8}
{7, 5, 8, 10, 1}	{1, 10, 6, 7, 9}	{1, 5, 6, 7, 8, 9, 10}	{1, 7, 10}	{5, 8}	{6, 9}
{1, 8, 5, 6, 3}	{2, 6, 8, 4, 1}	{1, 2, 3, 4, 5, 6, 8}	{1, 6, 8}	{3, 5}	{2, 4}
{3, 10, 7, 1, 8}	{1, 5, 4, 3, 2}	{1, 2, 3, 4, 5, 7, 8, 10}	{1, 3}	{7, 8, 10}	{2, 4, 5}
{2, 9, 8, 1, 6}	{7, 10, 5, 9, 4}	{1, 2, 4, 5, 6, 7, 8, 9, 10}	{9}	{1, 2, 6, 8}	{4, 5, 7, 10}
{7, 4, 2, 1, 3}	{6, 4, 1, 2, 3}	{1, 2, 3, 4, 6, 7}	{1, 2, 3, 4}	{7}	{6}
{7, 2, 8, 3, 10}	{8, 7, 2, 5, 10}	{2, 3, 5, 7, 8, 10}	{2, 7, 8, 10}	{3}	{5}
{1, 9, 5, 3, 6}	{7, 5, 6, 3, 1}	{1, 3, 5, 6, 7, 9}	{1, 3, 5, 6}	{9}	{7}
{7, 9, 6, 4, 5}	{1, 6, 4, 9, 10}	{1, 4, 5, 6, 7, 9, 10}	{4, 6, 9}	{5, 7}	{1, 10}
{7, 1, 10, 4, 2}	{7, 3, 6, 8, 1}	{1, 2, 3, 4, 6, 7, 8, 10}	{1, 7}	{2, 4, 10}	{3, 6, 8}

## 13.

A	B	$A \cup B$	$A \cap B$	$A - B$	$B - A$
{6, 4, 3, 2, 1}	{7, 3, 1, 6, 10}	{1, 2, 3, 4, 6, 7, 10}	{1, 3, 6}	{2, 4}	{7, 10}
{2, 1, 9, 10, 3}	{9, 5, 3, 10, 7}	{1, 2, 3, 5, 7, 9, 10}	{3, 9, 10}	{1, 2}	{5, 7}
{7, 8, 1, 3, 9}	{9, 10, 3, 8, 6}	{1, 3, 6, 7, 8, 9, 10}	{3, 8, 9}	{1, 7}	{6, 10}
{10, 9, 2, 3, 8}	{3, 4, 1, 6, 2}	{1, 2, 3, 4, 6, 8, 9, 10}	{2, 3}	{8, 9, 10}	{1, 4, 6}
{5, 7, 1, 8, 10}	{4, 8, 9, 2, 6}	{1, 2, 4, 5, 6, 7, 8, 9, 10}	{8}	{1, 5, 7, 10}	{2, 4, 6, 9}
{8, 3, 9, 4, 10}	{10, 8, 7, 4, 6}	{3, 4, 6, 7, 8, 9, 10}	{4, 8, 10}	{3, 9}	{6, 7}
{10, 9, 7, 8, 6}	{8, 7, 3, 10, 4}	{3, 4, 6, 7, 8, 9, 10}	{7, 8, 10}	{6, 9}	{3, 4}
{6, 9, 8, 1, 2}	{6, 4, 8, 2, 7}	{1, 2, 4, 6, 7, 8, 9}	{2, 6, 8}	{1, 9}	{4, 7}
{10, 2, 1, 7, 8}	{7, 2, 3, 9, 1}	{1, 2, 3, 7, 8, 9, 10}	{1, 2, 7}	{8, 10}	{3, 9}
{3, 8, 7, 9, 6}	{5, 6, 3, 8, 7}	{3, 5, 6, 7, 8, 9}	{3, 6, 7, 8}	{9}	{5}
{4, 9, 7, 6, 3}	{6, 5, 1, 3, 7}	{1, 3, 4, 5, 6, 7, 9}	{3, 6, 7}	{4, 9}	{1, 5}
{10, 8, 2, 4, 7}	{5, 6, 4, 2, 7}	{2, 4, 5, 6, 7, 8, 10}	{2, 4, 7}	{8, 10}	{5, 6}
{3, 4, 7, 1, 8}	{2, 9, 7, 8, 1}	{1, 2, 3, 4, 7, 8, 9}	{1, 7, 8}	{3, 4}	{2, 9}
{9, 10, 8, 7, 1}	{2, 3, 6, 1, 5}	{1, 2, 3, 5, 6, 7, 8, 9, 10}	{1}	{7, 8, 9, 10}	{2, 3, 5, 6}
{7, 2, 8, 9, 1}	{6, 1, 7, 2, 5}	{1, 2, 5, 6, 7, 8, 9}	{1, 2, 7}	{8, 9}	{5, 6}
{1, 7, 2, 3, 5}	{9, 8, 10, 5, 1}	{1, 2, 3, 5, 7, 8, 9, 10}	{1, 5}	{2, 3, 7}	{8, 9, 10}
{1, 6, 10, 7, 2}	{5, 3, 7, 4, 1}	{1, 2, 3, 4, 5, 6, 7, 10}	{1, 7}	{2, 6, 10}	{3, 4, 5}
{9, 3, 8, 6, 2}	{3, 9, 4, 10, 2}	{2, 3, 4, 6, 8, 9, 10}	{2, 3, 9}	{6, 8}	{4, 10}
{1, 2, 9, 4, 8}	{1, 6, 10, 7, 2}	{1, 2, 4, 6, 7, 8, 9, 10}	{1, 2}	{4, 8, 9}	{6, 7, 10}
{10, 4, 5, 3, 9}	{8, 5, 9, 4, 1}	{1, 3, 4, 5, 8, 9, 10}	{4, 5, 9}	{3, 10}	{1, 8}
{7, 2, 9, 3, 10}	{10, 4, 9, 6, 7}	{2, 3, 4, 6, 7, 9, 10}	{7, 9, 10}	{2, 3}	{4, 6}
{8, 7, 2, 6, 10}	{10, 5, 8, 7, 1}	{1, 2, 5, 6, 7, 8, 10}	{7, 8, 10}	{2, 6}	{1, 5}
{3, 9, 4, 1, 8}	{9, 7, 8, 10, 4}	{1, 3, 4, 7, 8, 9, 10}	{4, 8, 9}	{1, 3}	{7, 10}
{7, 5, 9, 1, 4}	{10, 7, 3, 4, 9}	{1, 3, 4, 5, 7, 9, 10}	{4, 7, 9}	{1, 5}	{3, 10}
{5, 9, 1, 7, 8}	{7, 8, 3, 10, 5}	{1, 3, 5, 7, 8, 9, 10}	{5, 7, 8}	{1, 9}	{3, 10}
{1, 3, 7, 2, 5}	{4, 6, 3, 9, 5}	{1, 2, 3, 4, 5, 6, 7, 9}	{3, 5}	{1, 2, 7}	{4, 6, 9}
{10, 2, 1, 6, 9}	{2, 10, 6, 1, 8}	{1, 2, 6, 8, 9, 10}	{1, 2, 6, 10}	{9}	{8}
{5, 9, 8, 2, 1}	{9, 1, 10, 7, 4}	{1, 2, 4, 5, 7, 8, 9, 10}	{1, 9}	{2, 5, 8}	{4, 7, 10}
{5, 2, 8, 7, 3}	{1, 5, 10, 4, 7}	{1, 2, 3, 4, 5, 7, 8, 10}	{5, 7}	{2, 3, 8}	{1, 4, 10}
{4, 2, 5, 10, 8}	{6, 8, 10, 1, 2}	{1, 2, 4, 5, 6, 8, 10}	{2, 8, 10}	{4, 5}	{1, 6}

## 14.

A	B	$A \cup B$	$A \cap B$	$A - B$	$B - A$
{6, 5, 10, 8, 4}	{1, 7, 10, 6, 4}	{1, 4, 5, 6, 7, 8, 10}	{4, 6, 10}	{5, 8}	{1, 7}
{10, 1, 4, 9, 5}	{7, 8, 4, 5, 1}	{1, 4, 5, 7, 8, 9, 10}	{1, 4, 5}	{9, 10}	{7, 8}
{8, 3, 1, 9, 7}	{8, 4, 5, 1, 3}	{1, 3, 4, 5, 7, 8, 9}	{1, 3, 8}	{7, 9}	{4, 5}
{10, 9, 6, 8, 4}	{3, 7, 2, 10, 1}	{1, 2, 3, 4, 6, 7, 8, 9, 10}	{10}	{4, 6, 8, 9}	{1, 2, 3, 7}
{4, 8, 2, 1, 3}	{8, 4, 2, 6, 5}	{1, 2, 3, 4, 5, 6, 8}	{2, 4, 8}	{1, 3}	{5, 6}
{4, 7, 5, 1, 10}	{5, 7, 9, 4, 3}	{1, 3, 4, 5, 7, 9, 10}	{4, 5, 7}	{1, 10}	{3, 9}
{8, 5, 3, 4, 7}	{6, 9, 4, 8, 10}	{3, 4, 5, 6, 7, 8, 9, 10}	{4, 8}	{3, 5, 7}	{6, 9, 10}
{3, 5, 4, 9, 2}	{6, 10, 3, 2, 1}	{1, 2, 3, 4, 5, 6, 9, 10}	{2, 3}	{4, 5, 9}	{1, 6, 10}
{9, 5, 1, 4, 10}	{10, 5, 9, 2, 6}	{1, 2, 4, 5, 6, 9, 10}	{5, 9, 10}	{1, 4}	{2, 6}
{8, 5, 1, 3, 7}	{10, 9, 4, 5, 2}	{1, 2, 3, 4, 5, 7, 8, 9, 10}	{5}	{1, 3, 7, 8}	{2, 4, 9, 10}
{7, 9, 5, 8, 2}	{1, 6, 9, 10, 4}	{1, 2, 4, 5, 6, 7, 8, 9, 10}	{9}	{2, 5, 7, 8}	{1, 4, 6, 10}
{9, 7, 5, 3, 8}	{1, 2, 3, 5, 9}	{1, 2, 3, 5, 7, 8, 9}	{3, 5, 9}	{7, 8}	{1, 2}
{9, 5, 6, 10, 7}	{8, 3, 6, 1, 7}	{1, 3, 5, 6, 7, 8, 9, 10}	{6, 7}	{5, 9, 10}	{1, 3, 8}
{2, 1, 7, 3, 8}	{1, 3, 4, 6, 10}	{1, 2, 3, 4, 6, 7, 8, 10}	{1, 3}	{2, 7, 8}	{4, 6, 10}
{4, 6, 7, 9, 5}	{6, 2, 4, 1, 9}	{1, 2, 4, 5, 6, 7, 9}	{4, 6, 9}	{5, 7}	{1, 2}
{2, 7, 8, 1, 9}	{8, 4, 9, 7, 6}	{1, 2, 4, 6, 7, 8, 9}	{7, 8, 9}	{1, 2}	{4, 6}
{8, 9, 7, 5, 4}	{10, 9, 8, 6, 3}	{3, 4, 5, 6, 7, 8, 9, 10}	{8, 9}	{4, 5, 7}	{3, 6, 10}
{6, 9, 10, 4, 1}	{3, 1, 9, 5, 2}	{1, 2, 3, 4, 5, 6, 9, 10}	{1, 9}	{4, 6, 10}	{2, 3, 5}
{4, 1, 7, 2, 9}	{6, 7, 9, 3, 4}	{1, 2, 3, 4, 6, 7, 9}	{4, 7, 9}	{1, 2}	{3, 6}
{10, 5, 8, 9, 4}	{3, 2, 10, 8, 4}	{2, 3, 4, 5, 8, 9, 10}	{4, 8, 10}	{5, 9}	{2, 3}
{7, 8, 4, 2, 3}	{1, 9, 5, 7, 8}	{1, 2, 3, 4, 5, 7, 8, 9}	{7, 8}	{2, 3, 4}	{1, 5, 9}
{5, 8, 1, 2, 9}	{4, 2, 9, 10, 5}	{1, 2, 4, 5, 8, 9, 10}	{2, 5, 9}	{1, 8}	{4, 10}
{8, 4, 1, 7, 9}	{10, 9, 5, 7, 3}	{1, 3, 4, 5, 7, 8, 9, 10}	{7, 9}	{1, 4, 8}	{3, 5, 10}
{7, 5, 3, 9, 4}	{4, 5, 7, 10, 3}	{3, 4, 5, 7, 9, 10}	{3, 4, 5, 7}	{9}	{10}
{5, 3, 1, 8, 7}	{9, 8, 4, 10, 3}	{1, 3, 4, 5, 7, 8, 9, 10}	{3, 8}	{1, 5, 7}	{4, 9, 10}
{3, 2, 9, 7, 10}	{8, 4, 7, 2, 10}	{2, 3, 4, 7, 8, 9, 10}	{2, 7, 10}	{3, 9}	{4, 8}
{2, 5, 9, 7, 6}	{3, 4, 1, 5, 6}	{1, 2, 3, 4, 5, 6, 7, 9}	{5, 6}	{2, 7, 9}	{1, 3, 4}
{8, 7, 3, 6, 4}	{7, 9, 3, 8, 1}	{1, 3, 4, 6, 7, 8, 9}	{3, 7, 8}	{4, 6}	{1, 9}
{5, 6, 1, 7, 9}	{3, 2, 7, 1, 8}	{1, 2, 3, 5, 6, 7, 8, 9}	{1, 7}	{5, 6, 9}	{2, 3, 8}
{3, 5, 7, 6, 4}	{7, 5, 10, 6, 1}	{1, 3, 4, 5, 6, 7, 10}	{5, 6, 7}	{3, 4}	{1, 10}

## 15.

A	B	$A \cup B$	$A \cap B$	$A - B$	$B - A$
{9, 3, 4, 7, 5}	{7, 1, 2, 9, 5}	{1, 2, 3, 4, 5, 7, 9}	{5, 7, 9}	{3, 4}	{1, 2}
{1, 8, 10, 9, 4}	{7, 4, 6, 10, 2}	{1, 2, 4, 6, 7, 8, 9, 10}	{4, 10}	{1, 8, 9}	{2, 6, 7}
{5, 1, 4, 3, 8}	{1, 4, 10, 6, 9}	{1, 3, 4, 5, 6, 8, 9, 10}	{1, 4}	{3, 5, 8}	{6, 9, 10}
{3, 5, 7, 4, 1}	{9, 4, 8, 3, 5}	{1, 3, 4, 5, 7, 8, 9}	{3, 4, 5}	{1, 7}	{8, 9}
{10, 1, 8, 2, 6}	{4, 6, 1, 10, 3}	{1, 2, 3, 4, 6, 8, 10}	{1, 6, 10}	{2, 8}	{3, 4}
{10, 6, 5, 8, 4}	{10, 9, 3, 2, 4}	{2, 3, 4, 5, 6, 8, 9, 10}	{4, 10}	{5, 6, 8}	{2, 3, 9}
{6, 3, 7, 4, 9}	{4, 5, 9, 7, 1}	{1, 3, 4, 5, 6, 7, 9}	{4, 7, 9}	{3, 6}	{1, 5}
{2, 8, 5, 7, 1}	{2, 1, 3, 5, 10}	{1, 2, 3, 5, 7, 8, 10}	{1, 2, 5}	{7, 8}	{3, 10}
{3, 1, 8, 2, 9}	{2, 4, 5, 3, 9}	{1, 2, 3, 4, 5, 8, 9}	{2, 3, 9}	{1, 8}	{4, 5}
{1, 6, 4, 2, 9}	{7, 5, 2, 4, 8}	{1, 2, 4, 5, 6, 7, 8, 9}	{2, 4}	{1, 6, 9}	{5, 7, 8}
{5, 10, 2, 7, 9}	{10, 2, 9, 5, 3}	{2, 3, 5, 7, 9, 10}	{2, 5, 9, 10}	{7}	{3}
{2, 8, 10, 4, 5}	{10, 7, 9, 6, 5}	{2, 4, 5, 6, 7, 8, 9, 10}	{5, 10}	{2, 4, 8}	{6, 7, 9}
{5, 6, 9, 8, 3}	{5, 10, 7, 8, 9}	{3, 5, 6, 7, 8, 9, 10}	{5, 8, 9}	{3, 6}	{7, 10}
{4, 5, 2, 1, 9}	{2, 5, 9, 1, 6}	{1, 2, 4, 5, 6, 9}	{1, 2, 5, 9}	{4}	{6}
{5, 2, 7, 4, 1}	{6, 10, 9, 3, 2}	{1, 2, 3, 4, 5, 6, 7, 9, 10}	{2}	{1, 4, 5, 7}	{3, 6, 9, 10}
{5, 7, 3, 9, 6}	{3, 7, 8, 4, 1}	{1, 3, 4, 5, 6, 7, 8, 9}	{3, 7}	{5, 6, 9}	{1, 4, 8}
{10, 6, 8, 3, 7}	{10, 9, 8, 2, 6}	{2, 3, 6, 7, 8, 9, 10}	{6, 8, 10}	{3, 7}	{2, 9}
{3, 6, 8, 4, 2}	{6, 7, 4, 2, 8}	{2, 3, 4, 6, 7, 8}	{2, 4, 6, 8}	{3}	{7}
{5, 4, 7, 10, 3}	{4, 9, 8, 2, 6}	{2, 3, 4, 5, 6, 7, 8, 9, 10}	{4}	{3, 5, 7, 10}	{2, 6, 8, 9}
{9, 6, 10, 1, 7}	{2, 1, 4, 9, 6}	{1, 2, 4, 6, 7, 9, 10}	{1, 6, 9}	{7, 10}	{2, 4}
{4, 1, 2, 7, 5}	{10, 3, 1, 6, 2}	{1, 2, 3, 4, 5, 6, 7, 10}	{1, 2}	{4, 5, 7}	{3, 6, 10}
{5, 3, 4, 7, 10}	{5, 3, 1, 6, 8}	{1, 3, 4, 5, 6, 7, 8, 10}	{3, 5}	{4, 7, 10}	{1, 6, 8}
{8, 6, 7, 10, 9}	{2, 10, 3, 8, 4}	{2, 3, 4, 6, 7, 8, 9, 10}	{8, 10}	{6, 7, 9}	{2, 3, 4}
{3, 1, 10, 8, 6}	{3, 1, 7, 9, 6}	{1, 3, 6, 7, 8, 9, 10}	{1, 3, 6}	{8, 10}	{7, 9}
{1, 4, 7, 9, 2}	{3, 1, 6, 2, 5}	{1, 2, 3, 4, 5, 6, 7, 9}	{1, 2}	{4, 7, 9}	{3, 5, 6}
{1, 5, 3, 6, 8}	{3, 7, 5, 8, 2}	{1, 2, 3, 5, 6, 7, 8}	{3, 5, 8}	{1, 6}	{2, 7}
{5, 2, 10, 6, 9}	{10, 4, 7, 1, 3}	{1, 2, 3, 4, 5, 6, 7, 9, 10}	{10}	{2, 5, 6, 9}	{1, 3, 4, 7}
{9, 7, 2, 1, 3}	{4, 7, 3, 10, 2}	{1, 2, 3, 4, 7, 9, 10}	{2, 3, 7}	{1, 9}	{4, 10}
{8, 7, 6, 3, 4}	{1, 4, 7, 10, 8}	{1, 3, 4, 6, 7, 8, 10}	{4, 7, 8}	{3, 6}	{1, 10}
{3, 6, 4, 2, 1}	{7, 10, 2, 5, 4}	{1, 2, 3, 4, 5, 6, 7, 10}	{2, 4}	{1, 3, 6}	{5, 7, 10}

## 16.

A	B	$A \cup B$	$A \cap B$	$A - B$	$B - A$
{2, 4, 6, 5, 10}	{10, 6, 3, 7, 8}	{2, 3, 4, 5, 6, 7, 8, 10}	{6, 10}	{2, 4, 5}	{3, 7, 8}
{7, 1, 4, 10, 6}	{6, 1, 5, 3, 8}	{1, 3, 4, 5, 6, 7, 8, 10}	{1, 6}	{4, 7, 10}	{3, 5, 8}
{1, 5, 3, 2, 10}	{9, 7, 6, 4, 10}	{1, 2, 3, 4, 5, 6, 7, 9, 10}	{10}	{1, 2, 3, 5}	{4, 6, 7, 9}
{5, 9, 7, 3, 1}	{7, 2, 1, 5, 4}	{1, 2, 3, 4, 5, 7, 9}	{1, 5, 7}	{3, 9}	{2, 4}
{9, 2, 7, 8, 3}	{6, 3, 10, 9, 2}	{2, 3, 6, 7, 8, 9, 10}	{2, 3, 9}	{7, 8}	{6, 10}
{8, 9, 7, 2, 10}	{4, 5, 6, 8, 1}	{1, 2, 4, 5, 6, 7, 8, 9, 10}	{8}	{2, 7, 9, 10}	{1, 4, 5, 6}
{4, 8, 6, 5, 7}	{5, 9, 8, 4, 7}	{4, 5, 6, 7, 8, 9}	{4, 5, 7, 8}	{6}	{9}
{4, 2, 3, 8, 5}	{8, 4, 6, 2, 1}	{1, 2, 3, 4, 5, 6, 8}	{2, 4, 8}	{3, 5}	{1, 6}
{8, 9, 6, 5, 1}	{8, 1, 3, 7, 5}	{1, 3, 5, 6, 7, 8, 9}	{1, 5, 8}	{6, 9}	{3, 7}
{10, 9, 2, 5, 7}	{4, 10, 1, 8, 3}	{1, 2, 3, 4, 5, 7, 8, 9, 10}	{10}	{2, 5, 7, 9}	{1, 3, 4, 8}
{8, 9, 2, 3, 4}	{7, 9, 2, 1, 8}	{1, 2, 3, 4, 7, 8, 9}	{2, 8, 9}	{3, 4}	{1, 7}
{6, 4, 2, 3, 9}	{4, 3, 8, 5, 7}	{2, 3, 4, 5, 6, 7, 8, 9}	{3, 4}	{2, 6, 9}	{5, 7, 8}
{3, 8, 6, 2, 4}	{8, 2, 1, 4, 9}	{1, 2, 3, 4, 6, 8, 9}	{2, 4, 8}	{3, 6}	{1, 9}
{5, 7, 1, 4, 8}	{3, 10, 2, 5, 4}	{1, 2, 3, 4, 5, 7, 8, 10}	{4, 5}	{1, 7, 8}	{2, 3, 10}
{2, 6, 3, 8, 5}	{4, 3, 5, 9, 2}	{2, 3, 4, 5, 6, 8, 9}	{2, 3, 5}	{6, 8}	{4, 9}
{6, 5, 1, 2, 4}	{2, 6, 3, 7, 9}	{1, 2, 3, 4, 5, 6, 7, 9}	{2, 6}	{1, 4, 5}	{3, 7, 9}
{9, 6, 5, 2, 10}	{2, 7, 10, 5, 9}	{2, 5, 6, 7, 9, 10}	{2, 5, 9, 10}	{6}	{7}
{8, 7, 1, 5, 6}	{5, 10, 4, 2, 6}	{1, 2, 4, 5, 6, 7, 8, 10}	{5, 6}	{1, 7, 8}	{2, 4, 10}
{8, 9, 1, 6, 4}	{7, 2, 5, 6, 8}	{1, 2, 4, 5, 6, 7, 8, 9}	{6, 8}	{1, 4, 9}	{2, 5, 7}
{6, 2, 4, 9, 8}	{6, 2, 7, 3, 8}	{2, 3, 4, 6, 7, 8, 9}	{2, 6, 8}	{4, 9}	{3, 7}
{8, 5, 3, 6, 2}	{6, 7, 9, 10, 2}	{2, 3, 5, 6, 7, 8, 9, 10}	{2, 6}	{3, 5, 8}	{7, 9, 10}
{9, 7, 8, 4, 3}	{7, 6, 2, 8, 9}	{2, 3, 4, 6, 7, 8, 9}	{7, 8, 9}	{3, 4}	{2, 6}
{5, 9, 3, 8, 4}	{2, 9, 10, 1, 5}	{1, 2, 3, 4, 5, 8, 9, 10}	{5, 9}	{3, 4, 8}	{1, 2, 10}
{5, 2, 10, 1, 3}	{5, 6, 9, 8, 3}	{1, 2, 3, 5, 6, 8, 9, 10}	{3, 5}	{1, 2, 10}	{6, 8, 9}
{1, 4, 6, 7, 5}	{7, 6, 5, 3, 2}	{1, 2, 3, 4, 5, 6, 7}	{5, 6, 7}	{1, 4}	{2, 3}
{9, 3, 1, 6, 10}	{1, 9, 3, 8, 6}	{1, 3, 6, 8, 9, 10}	{1, 3, 6, 9}	{10}	{8}
{9, 1, 5, 3, 7}	{4, 2, 8, 3, 1}	{1, 2, 3, 4, 5, 7, 8, 9}	{1, 3}	{5, 7, 9}	{2, 4, 8}
{10, 5, 9, 4, 1}	{1, 7, 5, 2, 9}	{1, 2, 4, 5, 7, 9, 10}	{1, 5, 9}	{4, 10}	{2, 7}
{10, 3, 7, 6, 4}	{3, 2, 10, 8, 1}	{1, 2, 3, 4, 6, 7, 8, 10}	{3, 10}	{4, 6, 7}	{1, 2, 8}
{1, 10, 3, 6, 8}	{4, 6, 3, 8, 5}	{1, 3, 4, 5, 6, 8, 10}	{3, 6, 8}	{1, 10}	{4, 5}

## 17.

A	B	$A \cup B$	$A \cap B$	$A - B$	$B - A$
{6, 8, 9, 4, 1}	{4, 10, 3, 1, 8}	{1, 3, 4, 6, 8, 9, 10}	{1, 4, 8}	{6, 9}	{3, 10}
{1, 3, 2, 5, 6}	{9, 2, 7, 5, 3}	{1, 2, 3, 5, 6, 7, 9}	{2, 3, 5}	{1, 6}	{7, 9}
{6, 8, 2, 10, 5}	{8, 9, 6, 2, 4}	{2, 4, 5, 6, 8, 9, 10}	{2, 6, 8}	{5, 10}	{4, 9}
{3, 6, 4, 1, 5}	{8, 2, 6, 7, 10}	{1, 2, 3, 4, 5, 6, 7, 8, 10}	{6}	{1, 3, 4, 5}	{2, 7, 8, 10}
{9, 3, 5, 1, 10}	{1, 6, 3, 4, 2}	{1, 2, 3, 4, 5, 6, 9, 10}	{1, 3}	{5, 9, 10}	{2, 4, 6}
{9, 4, 7, 1, 8}	{5, 2, 7, 4, 9}	{1, 2, 4, 5, 7, 8, 9}	{4, 7, 9}	{1, 8}	{2, 5}
{8, 5, 6, 1, 10}	{10, 6, 2, 8, 7}	{1, 2, 5, 6, 7, 8, 10}	{6, 8, 10}	{1, 5}	{2, 7}
{1, 4, 6, 9, 8}	{5, 6, 3, 10, 4}	{1, 3, 4, 5, 6, 8, 9, 10}	{4, 6}	{1, 8, 9}	{3, 5, 10}
{7, 6, 8, 10, 3}	{3, 4, 1, 2, 10}	{1, 2, 3, 4, 6, 7, 8, 10}	{3, 10}	{6, 7, 8}	{1, 2, 4}
{10, 4, 8, 1, 9}	{5, 10, 6, 3, 7}	{1, 3, 4, 5, 6, 7, 8, 9, 10}	{10}	{1, 4, 8, 9}	{3, 5, 6, 7}
{7, 10, 2, 8, 5}	{3, 1, 2, 4, 5}	{1, 2, 3, 4, 5, 7, 8, 10}	{2, 5}	{7, 8, 10}	{1, 3, 4}
{1, 10, 2, 5, 9}	{1, 7, 5, 3, 2}	{1, 2, 3, 5, 7, 9, 10}	{1, 2, 5}	{9, 10}	{3, 7}
{7, 6, 5, 8, 4}	{1, 4, 5, 7, 10}	{1, 4, 5, 6, 7, 8, 10}	{4, 5, 7}	{6, 8}	{1, 10}
{6, 10, 8, 2, 7}	{5, 9, 4, 10, 7}	{2, 4, 5, 6, 7, 8, 9, 10}	{7, 10}	{2, 6, 8}	{4, 5, 9}
{8, 5, 10, 9, 6}	{2, 6, 1, 4, 8}	{1, 2, 4, 5, 6, 8, 9, 10}	{6, 8}	{5, 9, 10}	{1, 2, 4}
{9, 7, 8, 1, 6}	{9, 2, 10, 6, 7}	{1, 2, 6, 7, 8, 9, 10}	{6, 7, 9}	{1, 8}	{2, 10}
{1, 5, 8, 7, 6}	{1, 9, 2, 10, 7}	{1, 2, 5, 6, 7, 8, 9, 10}	{1, 7}	{5, 6, 8}	{2, 9, 10}
{3, 8, 5, 1, 2}	{9, 2, 6, 1, 3}	{1, 2, 3, 5, 6, 8, 9}	{1, 2, 3}	{5, 8}	{6, 9}
{2, 7, 10, 5, 6}	{8, 2, 3, 6, 9}	{2, 3, 5, 6, 7, 8, 9, 10}	{2, 6}	{5, 7, 10}	{3, 8, 9}
{10, 9, 5, 7, 1}	{7, 4, 5, 9, 10}	{1, 4, 5, 7, 9, 10}	{5, 7, 9, 10}	{1}	{4}
{6, 3, 4, 7, 5}	{5, 8, 7, 6, 10}	{3, 4, 5, 6, 7, 8, 10}	{5, 6, 7}	{3, 4}	{8, 10}
{2, 10, 4, 3, 7}	{9, 4, 5, 10, 1}	{1, 2, 3, 4, 5, 7, 9, 10}	{4, 10}	{2, 3, 7}	{1, 5, 9}
{9, 10, 4, 3, 8}	{2, 3, 6, 10, 9}	{2, 3, 4, 6, 8, 9, 10}	{3, 9, 10}	{4, 8}	{2, 6}
{1, 3, 10, 8, 9}	{9, 3, 7, 2, 4}	{1, 2, 3, 4, 7, 8, 9, 10}	{3, 9}	{1, 8, 10}	{2, 4, 7}
{7, 5, 2, 9, 10}	{3, 1, 9, 7, 6}	{1, 2, 3, 5, 6, 7, 9, 10}	{7, 9}	{2, 5, 10}	{1, 3, 6}
{10, 5, 8, 9, 7}	{7, 5, 3, 4, 10}	{3, 4, 5, 7, 8, 9, 10}	{5, 7, 10}	{8, 9}	{3, 4}
{2, 4, 8, 6, 1}	{10, 7, 5, 1, 3}	{1, 2, 3, 4, 5, 6, 7, 8, 10}	{1}	{2, 4, 6, 8}	{3, 5, 7, 10}
{4, 6, 3, 8, 10}	{7, 9, 1, 6, 8}	{1, 3, 4, 6, 7, 8, 9, 10}	{6, 8}	{3, 4, 10}	{1, 7, 9}
{5, 3, 7, 10, 8}	{4, 5, 7, 2, 1}	{1, 2, 3, 4, 5, 7, 8, 10}	{5, 7}	{3, 8, 10}	{1, 2, 4}
{4, 5, 8, 7, 9}	{9, 5, 2, 4, 10}	{2, 4, 5, 7, 8, 9, 10}	{4, 5, 9}	{7, 8}	{2, 10}



## 18.

A	B	$A \cup B$	$A \cap B$	$A - B$	$B - A$
{3, 9, 4, 2, 8}	{10, 3, 4, 9, 7}	{2, 3, 4, 7, 8, 9, 10}	{3, 4, 9}	{2, 8}	{7, 10}
{9, 10, 3, 5, 1}	{5, 6, 3, 4, 2}	{1, 2, 3, 4, 5, 6, 9, 10}	{3, 5}	{1, 9, 10}	{2, 4, 6}
{5, 6, 7, 10, 3}	{3, 4, 7, 2, 6}	{2, 3, 4, 5, 6, 7, 10}	{3, 6, 7}	{5, 10}	{2, 4}
{5, 9, 4, 10, 7}	{2, 4, 1, 3, 6}	{1, 2, 3, 4, 5, 6, 7, 9, 10}	{4}	{5, 7, 9, 10}	{1, 2, 3, 6}
{5, 3, 4, 6, 2}	{2, 5, 9, 4, 3}	{2, 3, 4, 5, 6, 9}	{2, 3, 4, 5}	{6}	{9}
{9, 2, 10, 4, 5}	{7, 3, 10, 2, 5}	{2, 3, 4, 5, 7, 9, 10}	{2, 5, 10}	{4, 9}	{3, 7}
{6, 9, 2, 3, 4}	{8, 6, 5, 9, 7}	{2, 3, 4, 5, 6, 7, 8, 9}	{6, 9}	{2, 3, 4}	{5, 7, 8}
{6, 9, 4, 8, 1}	{1, 10, 4, 5, 7}	{1, 4, 5, 6, 7, 8, 9, 10}	{1, 4}	{6, 8, 9}	{5, 7, 10}
{1, 10, 3, 6, 2}	{4, 10, 9, 5, 1}	{1, 2, 3, 4, 5, 6, 9, 10}	{1, 10}	{2, 3, 6}	{4, 5, 9}
{5, 4, 1, 3, 7}	{8, 5, 4, 1, 6}	{1, 3, 4, 5, 6, 7, 8}	{1, 4, 5}	{3, 7}	{6, 8}
{4, 2, 7, 3, 6}	{8, 7, 2, 6, 10}	{2, 3, 4, 6, 7, 8, 10}	{2, 6, 7}	{3, 4}	{8, 10}
{4, 2, 6, 8, 7}	{8, 10, 9, 7, 4}	{2, 4, 6, 7, 8, 9, 10}	{4, 7, 8}	{2, 6}	{9, 10}
{3, 5, 10, 8, 1}	{2, 6, 8, 1, 5}	{1, 2, 3, 5, 6, 8, 10}	{1, 5, 8}	{3, 10}	{2, 6}
{1, 7, 5, 6, 10}	{3, 5, 9, 6, 4}	{1, 3, 4, 5, 6, 7, 9, 10}	{5, 6}	{1, 7, 10}	{3, 4, 9}
{10, 3, 7, 9, 6}	{4, 8, 2, 5, 1}	{1, 2, 3, 4, 5, 6, 7, 8, 9, 10}	{}	{3, 6, 7, 9, 10}	{1, 2, 4, 5, 8}
{6, 7, 10, 1, 5}	{4, 10, 1, 8, 7}	{1, 4, 5, 6, 7, 8, 10}	{1, 7, 10}	{5, 6}	{4, 8}
{8, 7, 3, 5, 2}	{1, 9, 8, 6, 10}	{1, 2, 3, 5, 6, 7, 8, 9, 10}	{8}	{2, 3, 5, 7}	{1, 6, 9, 10}
{7, 8, 10, 6, 9}	{7, 1, 4, 5, 2}	{1, 2, 4, 5, 6, 7, 8, 9, 10}	{7}	{6, 8, 9, 10}	{1, 2, 4, 5}
{6, 10, 4, 8, 7}	{9, 3, 8, 7, 6}	{3, 4, 6, 7, 8, 9, 10}	{6, 7, 8}	{4, 10}	{3, 9}
{7, 3, 10, 1, 5}	{5, 1, 10, 7, 8}	{1, 3, 5, 7, 8, 10}	{1, 5, 7, 10}	{3}	{8}
{10, 2, 3, 6, 5}	{9, 4, 7, 1, 3}	{1, 2, 3, 4, 5, 6, 7, 9, 10}	{3}	{2, 5, 6, 10}	{1, 4, 7, 9}
{10, 4, 8, 7, 5}	{5, 7, 10, 3, 4}	{3, 4, 5, 7, 8, 10}	{4, 5, 7, 10}	{8}	{3}
{1, 3, 4, 8, 7}	{8, 9, 1, 7, 2}	{1, 2, 3, 4, 7, 8, 9}	{1, 7, 8}	{3, 4}	{2, 9}
{7, 4, 1, 3, 8}	{10, 9, 8, 4, 2}	{1, 2, 3, 4, 7, 8, 9, 10}	{4, 8}	{1, 3, 7}	{2, 9, 10}
{2, 3, 4, 10, 8}	{8, 3, 9, 6, 2}	{2, 3, 4, 6, 8, 9, 10}	{2, 3, 8}	{4, 10}	{6, 9}
{2, 4, 3, 8, 7}	{10, 1, 2, 8, 7}	{1, 2, 3, 4, 7, 8, 10}	{2, 7, 8}	{3, 4}	{1, 10}
{9, 4, 5, 1, 10}	{10, 5, 1, 7, 2}	{1, 2, 4, 5, 7, 9, 10}	{1, 5, 10}	{4, 9}	{2, 7}
{9, 1, 5, 4, 6}	{4, 2, 9, 5, 10}	{1, 2, 4, 5, 6, 9, 10}	{4, 5, 9}	{1, 6}	{2, 10}
{7, 9, 5, 8, 2}	{7, 10, 4, 8, 1}	{1, 2, 4, 5, 7, 8, 9, 10}	{7, 8}	{2, 5, 9}	{1, 4, 10}
{7, 9, 10, 2, 3}	{10, 5, 4, 1, 7}	{1, 2, 3, 4, 5, 7, 9, 10}	{7, 10}	{2, 3, 9}	{1, 4, 5}

## 19.

A	B	$A \cup B$	$A \cap B$	$A - B$	$B - A$
{9, 1, 10, 7, 3}	{10, 9, 6, 8, 1}	{1, 3, 6, 7, 8, 9, 10}	{1, 9, 10}	{3, 7}	{6, 8}
{2, 1, 7, 4, 9}	{3, 1, 10, 2, 6}	{1, 2, 3, 4, 6, 7, 9, 10}	{1, 2}	{4, 7, 9}	{3, 6, 10}
{3, 5, 2, 4, 1}	{7, 3, 8, 4, 2}	{1, 2, 3, 4, 5, 7, 8}	{2, 3, 4}	{1, 5}	{7, 8}
{1, 4, 7, 5, 2}	{8, 1, 3, 9, 5}	{1, 2, 3, 4, 5, 7, 8, 9}	{1, 5}	{2, 4, 7}	{3, 8, 9}
{1, 9, 8, 3, 4}	{9, 3, 1, 5, 7}	{1, 3, 4, 5, 7, 8, 9}	{1, 3, 9}	{4, 8}	{5, 7}
{8, 5, 10, 4, 6}	{6, 8, 5, 3, 9}	{3, 4, 5, 6, 8, 9, 10}	{5, 6, 8}	{4, 10}	{3, 9}
{9, 5, 4, 8, 1}	{6, 9, 7, 5, 10}	{1, 4, 5, 6, 7, 8, 9, 10}	{5, 9}	{1, 4, 8}	{6, 7, 10}
{8, 10, 7, 2, 6}	{5, 6, 2, 3, 4}	{2, 3, 4, 5, 6, 7, 8, 10}	{2, 6}	{7, 8, 10}	{3, 4, 5}
{5, 7, 8, 2, 9}	{2, 9, 5, 3, 4}	{2, 3, 4, 5, 7, 8, 9}	{2, 5, 9}	{7, 8}	{3, 4}
{10, 4, 8, 6, 3}	{7, 2, 10, 1, 3}	{1, 2, 3, 4, 6, 7, 8, 10}	{3, 10}	{4, 6, 8}	{1, 2, 7}
{9, 6, 4, 8, 3}	{5, 4, 6, 8, 7}	{3, 4, 5, 6, 7, 8, 9}	{4, 6, 8}	{3, 9}	{5, 7}
{2, 9, 1, 8, 5}	{2, 8, 6, 5, 10}	{1, 2, 5, 6, 8, 9, 10}	{2, 5, 8}	{1, 9}	{6, 10}
{1, 8, 4, 3, 7}	{4, 9, 6, 10, 5}	{1, 3, 4, 5, 6, 7, 8, 9, 10}	{4}	{1, 3, 7, 8}	{5, 6, 9, 10}
{2, 5, 10, 8, 1}	{1, 7, 9, 4, 10}	{1, 2, 4, 5, 7, 8, 9, 10}	{1, 10}	{2, 5, 8}	{4, 7, 9}
{4, 1, 7, 6, 2}	{9, 7, 1, 2, 6}	{1, 2, 4, 6, 7, 9}	{1, 2, 6, 7}	{4}	{9}
{4, 2, 6, 3, 8}	{10, 5, 3, 7, 4}	{2, 3, 4, 5, 6, 7, 8, 10}	{3, 4}	{2, 6, 8}	{5, 7, 10}
{1, 10, 5, 8, 4}	{8, 3, 10, 6, 9}	{1, 3, 4, 5, 6, 8, 9, 10}	{8, 10}	{1, 4, 5}	{3, 6, 9}
{1, 6, 4, 7, 8}	{8, 10, 6, 3, 2}	{1, 2, 3, 4, 6, 7, 8, 10}	{6, 8}	{1, 4, 7}	{2, 3, 10}
{3, 9, 6, 4, 5}	{1, 10, 3, 5, 7}	{1, 3, 4, 5, 6, 7, 9, 10}	{3, 5}	{4, 6, 9}	{1, 7, 10}
{1, 5, 9, 8, 3}	{4, 3, 8, 1, 9}	{1, 3, 4, 5, 8, 9}	{1, 3, 8, 9}	{5}	{4}
{6, 7, 8, 10, 4}	{8, 10, 9, 5, 7}	{4, 5, 6, 7, 8, 9, 10}	{7, 8, 10}	{4, 6}	{5, 9}
{7, 4, 3, 5, 2}	{4, 10, 1, 8, 5}	{1, 2, 3, 4, 5, 7, 8, 10}	{4, 5}	{2, 3, 7}	{1, 8, 10}
{9, 7, 2, 10, 6}	{5, 8, 2, 1, 9}	{1, 2, 5, 6, 7, 8, 9, 10}	{2, 9}	{6, 7, 10}	{1, 5, 8}
{7, 3, 8, 9, 1}	{8, 5, 3, 9, 1}	{1, 3, 5, 7, 8, 9}	{1, 3, 8, 9}	{7}	{5}
{6, 3, 7, 9, 1}	{1, 10, 7, 3, 9}	{1, 3, 6, 7, 9, 10}	{1, 3, 7, 9}	{6}	{10}
{5, 7, 4, 6, 2}	{10, 7, 6, 4, 3}	{2, 3, 4, 5, 6, 7, 10}	{4, 6, 7}	{2, 5}	{3, 10}
{5, 4, 3, 9, 10}	{1, 3, 5, 8, 4}	{1, 3, 4, 5, 8, 9, 10}	{3, 4, 5}	{9, 10}	{1, 8}
{1, 10, 6, 4, 2}	{8, 10, 1, 6, 2}	{1, 2, 4, 6, 8, 10}	{1, 2, 6, 10}	{4}	{8}
{4, 1, 10, 9, 7}	{8, 6, 2, 4, 9}	{1, 2, 4, 6, 7, 8, 9, 10}	{4, 9}	{1, 7, 10}	{2, 6, 8}
{1, 6, 8, 2, 7}	{8, 7, 1, 4, 3}	{1, 2, 3, 4, 6, 7, 8}	{1, 7, 8}	{2, 6}	{3, 4}

## 20.

A	B	$A \cup B$	$A \cap B$	$A - B$	$B - A$
{3, 8, 1, 4, 7}	{1, 6, 9, 7, 2}	{1, 2, 3, 4, 6, 7, 8, 9}	{1, 7}	{3, 4, 8}	{2, 6, 9}
{9, 10, 2, 7, 1}	{1, 4, 10, 9, 3}	{1, 2, 3, 4, 7, 9, 10}	{1, 9, 10}	{2, 7}	{3, 4}
{1, 2, 9, 3, 7}	{5, 1, 2, 10, 9}	{1, 2, 3, 5, 7, 9, 10}	{1, 2, 9}	{3, 7}	{5, 10}
{9, 7, 2, 3, 8}	{1, 8, 10, 6, 3}	{1, 2, 3, 6, 7, 8, 9, 10}	{3, 8}	{2, 7, 9}	{1, 6, 10}
{9, 2, 5, 6, 8}	{1, 9, 4, 8, 5}	{1, 2, 4, 5, 6, 8, 9}	{5, 8, 9}	{2, 6}	{1, 4}
{1, 8, 7, 2, 3}	{3, 6, 4, 9, 8}	{1, 2, 3, 4, 6, 7, 8, 9}	{3, 8}	{1, 2, 7}	{4, 6, 9}
{4, 9, 1, 5, 7}	{8, 5, 1, 4, 2}	{1, 2, 4, 5, 7, 8, 9}	{1, 4, 5}	{7, 9}	{2, 8}
{10, 1, 3, 9, 8}	{5, 1, 10, 6, 7}	{1, 3, 5, 6, 7, 8, 9, 10}	{1, 10}	{3, 8, 9}	{5, 6, 7}
{3, 10, 9, 4, 8}	{2, 4, 3, 6, 1}	{1, 2, 3, 4, 6, 8, 9, 10}	{3, 4}	{8, 9, 10}	{1, 2, 6}
{5, 9, 10, 1, 2}	{6, 7, 8, 10, 5}	{1, 2, 5, 6, 7, 8, 9, 10}	{5, 10}	{1, 2, 9}	{6, 7, 8}
{1, 5, 3, 7, 10}	{9, 3, 10, 7, 4}	{1, 3, 4, 5, 7, 9, 10}	{3, 7, 10}	{1, 5}	{4, 9}
{3, 10, 2, 7, 5}	{6, 1, 8, 5, 9}	{1, 2, 3, 5, 6, 7, 8, 9, 10}	{5}	{2, 3, 7, 10}	{1, 6, 8, 9}
{2, 3, 1, 10, 5}	{9, 5, 8, 10, 1}	{1, 2, 3, 5, 8, 9, 10}	{1, 5, 10}	{2, 3}	{8, 9}
{1, 3, 5, 10, 2}	{10, 8, 6, 4, 7}	{1, 2, 3, 4, 5, 6, 7, 8, 10}	{10}	{1, 2, 3, 5}	{4, 6, 7, 8}
{9, 1, 6, 10, 8}	{2, 1, 6, 7, 3}	{1, 2, 3, 6, 7, 8, 9, 10}	{1, 6}	{8, 9, 10}	{2, 3, 7}
{2, 6, 9, 8, 4}	{5, 6, 8, 7, 4}	{2, 4, 5, 6, 7, 8, 9}	{4, 6, 8}	{2, 9}	{5, 7}
{4, 2, 10, 6, 7}	{8, 5, 2, 4, 9}	{2, 4, 5, 6, 7, 8, 9, 10}	{2, 4}	{6, 7, 10}	{5, 8, 9}
{4, 8, 7, 6, 2}	{3, 10, 9, 1, 5}	{1, 2, 3, 4, 5, 6, 7, 8, 9, 10}	{}	{2, 4, 6, 7, 8}	{1, 3, 5, 9, 10}
{8, 4, 2, 3, 6}	{1, 7, 4, 8, 10}	{1, 2, 3, 4, 6, 7, 8, 10}	{4, 8}	{2, 3, 6}	{1, 7, 10}
{7, 2, 1, 5, 3}	{9, 7, 8, 5, 1}	{1, 2, 3, 5, 7, 8, 9}	{1, 5, 7}	{2, 3}	{8, 9}
{8, 3, 6, 1, 9}	{2, 10, 1, 3, 9}	{1, 2, 3, 6, 8, 9, 10}	{1, 3, 9}	{6, 8}	{2, 10}
{1, 10, 4, 5, 9}	{4, 9, 8, 5, 7}	{1, 4, 5, 7, 8, 9, 10}	{4, 5, 9}	{1, 10}	{7, 8}
{6, 9, 10, 2, 3}	{9, 8, 4, 10, 3}	{2, 3, 4, 6, 8, 9, 10}	{3, 9, 10}	{2, 6}	{4, 8}
{9, 6, 4, 8, 3}	{1, 5, 7, 10, 8}	{1, 3, 4, 5, 6, 7, 8, 9, 10}	{8}	{3, 4, 6, 9}	{1, 5, 7, 10}
{2, 3, 4, 5, 10}	{5, 9, 1, 6, 4}	{1, 2, 3, 4, 5, 6, 9, 10}	{4, 5}	{2, 3, 10}	{1, 6, 9}
{7, 4, 10, 2, 8}	{8, 2, 9, 5, 6}	{2, 4, 5, 6, 7, 8, 9, 10}	{2, 8}	{4, 7, 10}	{5, 6, 9}
{5, 2, 1, 10, 9}	{7, 5, 4, 3, 10}	{1, 2, 3, 4, 5, 7, 9, 10}	{5, 10}	{1, 2, 9}	{3, 4, 7}
{2, 7, 10, 1, 4}	{6, 3, 5, 2, 7}	{1, 2, 3, 4, 5, 6, 7, 10}	{2, 7}	{1, 4, 10}	{3, 5, 6}
{9, 10, 4, 7, 1}	{6, 1, 2, 5, 4}	{1, 2, 4, 5, 6, 7, 9, 10}	{1, 4}	{7, 9, 10}	{2, 5, 6}
{10, 4, 2, 6, 8}	{9, 8, 1, 3, 4}	{1, 2, 3, 4, 6, 8, 9, 10}	{4, 8}	{2, 6, 10}	{1, 3, 9}

## 21.

A	B	$A \cup B$	$A \cap B$	$A - B$	$B - A$
{1, 5, 7, 2, 6}	{8, 1, 4, 10, 7}	{1, 2, 4, 5, 6, 7, 8, 10}	{1, 7}	{2, 5, 6}	{4, 8, 10}
{9, 2, 4, 3, 6}	{3, 7, 2, 10, 8}	{2, 3, 4, 6, 7, 8, 9, 10}	{2, 3}	{4, 6, 9}	{7, 8, 10}
{4, 9, 3, 2, 6}	{7, 4, 10, 5, 8}	{2, 3, 4, 5, 6, 7, 8, 9, 10}	{4}	{2, 3, 6, 9}	{5, 7, 8, 10}
{7, 9, 5, 2, 8}	{6, 8, 10, 2, 3}	{2, 3, 5, 6, 7, 8, 9, 10}	{2, 8}	{5, 7, 9}	{3, 6, 10}
{2, 10, 3, 7, 1}	{10, 8, 5, 2, 1}	{1, 2, 3, 5, 7, 8, 10}	{1, 2, 10}	{3, 7}	{5, 8}
{1, 5, 9, 6, 7}	{9, 3, 6, 4, 1}	{1, 3, 4, 5, 6, 7, 9}	{1, 6, 9}	{5, 7}	{3, 4}
{8, 5, 7, 9, 4}	{7, 3, 5, 9, 10}	{3, 4, 5, 7, 8, 9, 10}	{5, 7, 9}	{4, 8}	{3, 10}
{5, 4, 9, 1, 6}	{1, 9, 8, 3, 7}	{1, 3, 4, 5, 6, 7, 8, 9}	{1, 9}	{4, 5, 6}	{3, 7, 8}
{2, 3, 4, 5, 1}	{5, 7, 8, 1, 9}	{1, 2, 3, 4, 5, 7, 8, 9}	{1, 5}	{2, 3, 4}	{7, 8, 9}
{7, 8, 10, 9, 1}	{2, 1, 4, 5, 9}	{1, 2, 4, 5, 7, 8, 9, 10}	{1, 9}	{7, 8, 10}	{2, 4, 5}
{10, 9, 2, 6, 1}	{8, 5, 1, 7, 3}	{1, 2, 3, 5, 6, 7, 8, 9, 10}	{1}	{2, 6, 9, 10}	{3, 5, 7, 8}
{7, 8, 5, 9, 2}	{8, 7, 4, 10, 5}	{2, 4, 5, 7, 8, 9, 10}	{5, 7, 8}	{2, 9}	{4, 10}
{5, 1, 3, 10, 8}	{10, 2, 5, 6, 9}	{1, 2, 3, 5, 6, 8, 9, 10}	{5, 10}	{1, 3, 8}	{2, 6, 9}
{7, 2, 10, 8, 6}	{1, 2, 6, 10, 8}	{1, 2, 6, 7, 8, 10}	{2, 6, 8, 10}	{7}	{1}
{1, 10, 9, 5, 8}	{6, 7, 5, 3, 8}	{1, 3, 5, 6, 7, 8, 9, 10}	{5, 8}	{1, 9, 10}	{3, 6, 7}
{3, 10, 2, 7, 8}	{9, 7, 8, 10, 6}	{2, 3, 6, 7, 8, 9, 10}	{7, 8, 10}	{2, 3}	{6, 9}
{9, 3, 5, 7, 10}	{2, 9, 7, 4, 5}	{2, 3, 4, 5, 7, 9, 10}	{5, 7, 9}	{3, 10}	{2, 4}
{9, 1, 2, 10, 6}	{1, 7, 6, 8, 9}	{1, 2, 6, 7, 8, 9, 10}	{1, 6, 9}	{2, 10}	{7, 8}
{2, 6, 7, 1, 5}	{4, 7, 5, 2, 6}	{1, 2, 4, 5, 6, 7}	{2, 5, 6, 7}	{1}	{4}
{4, 5, 6, 2, 8}	{6, 7, 9, 3, 5}	{2, 3, 4, 5, 6, 7, 8, 9}	{5, 6}	{2, 4, 8}	{3, 7, 9}
{4, 3, 8, 6, 5}	{3, 4, 7, 5, 9}	{3, 4, 5, 6, 7, 8, 9}	{3, 4, 5}	{6, 8}	{7, 9}
{5, 6, 3, 10, 2}	{4, 7, 1, 3, 8}	{1, 2, 3, 4, 5, 6, 7, 8, 10}	{3}	{2, 5, 6, 10}	{1, 4, 7, 8}
{9, 4, 6, 10, 3}	{8, 5, 2, 3, 1}	{1, 2, 3, 4, 5, 6, 8, 9, 10}	{3}	{4, 6, 9, 10}	{1, 2, 5, 8}
{2, 7, 10, 6, 8}	{9, 3, 7, 10, 1}	{1, 2, 3, 6, 7, 8, 9, 10}	{7, 10}	{2, 6, 8}	{1, 3, 9}
{10, 1, 3, 7, 4}	{7, 6, 2, 1, 5}	{1, 2, 3, 4, 5, 6, 7, 10}	{1, 7}	{3, 4, 10}	{2, 5, 6}
{10, 3, 6, 5, 9}	{10, 8, 7, 3, 2}	{2, 3, 5, 6, 7, 8, 9, 10}	{3, 10}	{5, 6, 9}	{2, 7, 8}
{8, 3, 7, 5, 2}	{7, 2, 5, 6, 4}	{2, 3, 4, 5, 6, 7, 8}	{2, 5, 7}	{3, 8}	{4, 6}
{1, 7, 3, 2, 6}	{6, 4, 7, 10, 5}	{1, 2, 3, 4, 5, 6, 7, 10}	{6, 7}	{1, 2, 3}	{4, 5, 10}
{9, 5, 6, 2, 7}	{3, 6, 9, 10, 7}	{2, 3, 5, 6, 7, 9, 10}	{6, 7, 9}	{2, 5}	{3, 10}
{4, 9, 6, 5, 2}	{9, 1, 6, 2, 5}	{1, 2, 4, 5, 6, 9}	{2, 5, 6, 9}	{4}	{1}

## 22.

A	B	$A \cup B$	$A \cap B$	$A - B$	$B - A$
{7, 2, 8, 6, 9}	{2, 4, 3, 9, 8}	{2, 3, 4, 6, 7, 8, 9}	{2, 8, 9}	{6, 7}	{3, 4}
{1, 6, 7, 2, 8}	{6, 2, 5, 7, 4}	{1, 2, 4, 5, 6, 7, 8}	{2, 6, 7}	{1, 8}	{4, 5}
{2, 1, 9, 5, 4}	{7, 3, 1, 4, 9}	{1, 2, 3, 4, 5, 7, 9}	{1, 4, 9}	{2, 5}	{3, 7}
{3, 9, 5, 6, 4}	{6, 2, 7, 8, 1}	{1, 2, 3, 4, 5, 6, 7, 8, 9}	{6}	{3, 4, 5, 9}	{1, 2, 7, 8}
{5, 7, 2, 10, 8}	{4, 2, 9, 8, 3}	{2, 3, 4, 5, 7, 8, 9, 10}	{2, 8}	{5, 7, 10}	{3, 4, 9}
{3, 1, 2, 9, 10}	{8, 5, 1, 10, 7}	{1, 2, 3, 5, 7, 8, 9, 10}	{1, 10}	{2, 3, 9}	{5, 7, 8}
{6, 8, 7, 10, 9}	{6, 7, 2, 4, 3}	{2, 3, 4, 6, 7, 8, 9, 10}	{6, 7}	{8, 9, 10}	{2, 3, 4}
{9, 5, 2, 10, 8}	{2, 7, 8, 3, 9}	{2, 3, 5, 7, 8, 9, 10}	{2, 8, 9}	{5, 10}	{3, 7}
{3, 10, 5, 8, 2}	{2, 8, 10, 7, 4}	{2, 3, 4, 5, 7, 8, 10}	{2, 8, 10}	{3, 5}	{4, 7}
{4, 9, 8, 5, 6}	{6, 7, 10, 4, 5}	{4, 5, 6, 7, 8, 9, 10}	{4, 5, 6}	{8, 9}	{7, 10}
{1, 5, 3, 10, 8}	{3, 9, 8, 1, 6}	{1, 3, 5, 6, 8, 9, 10}	{1, 3, 8}	{5, 10}	{6, 9}
{6, 4, 7, 8, 3}	{1, 4, 2, 5, 8}	{1, 2, 3, 4, 5, 6, 7, 8}	{4, 8}	{3, 6, 7}	{1, 2, 5}
{5, 1, 2, 10, 3}	{5, 1, 3, 8, 9}	{1, 2, 3, 5, 8, 9, 10}	{1, 3, 5}	{2, 10}	{8, 9}
{10, 8, 2, 7, 3}	{3, 10, 4, 6, 9}	{2, 3, 4, 6, 7, 8, 9, 10}	{3, 10}	{2, 7, 8}	{4, 6, 9}
{1, 4, 8, 9, 3}	{7, 2, 3, 6, 10}	{1, 2, 3, 4, 6, 7, 8, 9, 10}	{3}	{1, 4, 8, 9}	{2, 6, 7, 10}
{2, 8, 6, 1, 7}	{7, 10, 5, 2, 9}	{1, 2, 5, 6, 7, 8, 9, 10}	{2, 7}	{1, 6, 8}	{5, 9, 10}
{5, 2, 3, 4, 10}	{10, 7, 6, 3, 8}	{2, 3, 4, 5, 6, 7, 8, 10}	{3, 10}	{2, 4, 5}	{6, 7, 8}
{1, 10, 5, 8, 3}	{10, 8, 3, 9, 7}	{1, 3, 5, 7, 8, 9, 10}	{3, 8, 10}	{1, 5}	{7, 9}
{4, 10, 2, 9, 3}	{8, 5, 9, 2, 10}	{2, 3, 4, 5, 8, 9, 10}	{2, 9, 10}	{3, 4}	{5, 8}
{8, 10, 7, 5, 6}	{8, 5, 9, 7, 1}	{1, 5, 6, 7, 8, 9, 10}	{5, 7, 8}	{6, 10}	{1, 9}
{4, 9, 5, 6, 1}	{4, 9, 6, 1, 7}	{1, 4, 5, 6, 7, 9}	{1, 4, 6, 9}	{5}	{7}
{7, 9, 5, 6, 4}	{4, 2, 8, 10, 6}	{2, 4, 5, 6, 7, 8, 9, 10}	{4, 6}	{5, 7, 9}	{2, 8, 10}
{6, 2, 3, 5, 10}	{8, 7, 5, 1, 4}	{1, 2, 3, 4, 5, 6, 7, 8, 10}	{5}	{2, 3, 6, 10}	{1, 4, 7, 8}
{1, 5, 6, 4, 9}	{10, 1, 9, 5, 3}	{1, 3, 4, 5, 6, 9, 10}	{1, 5, 9}	{4, 6}	{3, 10}
{1, 3, 10, 9, 7}	{3, 10, 4, 5, 7}	{1, 3, 4, 5, 7, 9, 10}	{3, 7, 10}	{1, 9}	{4, 5}
{4, 6, 10, 3, 5}	{7, 10, 9, 8, 2}	{2, 3, 4, 5, 6, 7, 8, 9, 10}	{10}	{3, 4, 5, 6}	{2, 7, 8, 9}
{3, 8, 7, 2, 9}	{4, 5, 10, 8, 1}	{1, 2, 3, 4, 5, 7, 8, 9, 10}	{8}	{2, 3, 7, 9}	{1, 4, 5, 10}
{2, 5, 7, 1, 6}	{1, 3, 9, 2, 8}	{1, 2, 3, 5, 6, 7, 8, 9}	{1, 2}	{5, 6, 7}	{3, 8, 9}
{9, 10, 6, 8, 4}	{9, 3, 8, 2, 1}	{1, 2, 3, 4, 6, 8, 9, 10}	{8, 9}	{4, 6, 10}	{1, 2, 3}
{1, 6, 2, 7, 8}	{5, 1, 6, 4, 3}	{1, 2, 3, 4, 5, 6, 7, 8}	{1, 6}	{2, 7, 8}	{3, 4, 5}

## 23.

A	B	$A \cup B$	$A \cap B$	$A - B$	$B - A$
{9, 7, 8, 4, 1}	{6, 4, 7, 5, 3}	{1, 3, 4, 5, 6, 7, 8, 9}	{4, 7}	{1, 8, 9}	{3, 5, 6}
{3, 9, 8, 5, 1}	{3, 6, 7, 9, 4}	{1, 3, 4, 5, 6, 7, 8, 9}	{3, 9}	{1, 5, 8}	{4, 6, 7}
{2, 9, 1, 5, 7}	{2, 10, 6, 7, 1}	{1, 2, 5, 6, 7, 9, 10}	{1, 2, 7}	{5, 9}	{6, 10}
{3, 2, 7, 10, 1}	{5, 2, 10, 7, 8}	{1, 2, 3, 5, 7, 8, 10}	{2, 7, 10}	{1, 3}	{5, 8}
{6, 8, 2, 4, 7}	{8, 1, 6, 7, 3}	{1, 2, 3, 4, 6, 7, 8}	{6, 7, 8}	{2, 4}	{1, 3}
{8, 9, 10, 5, 1}	{10, 6, 7, 2, 9}	{1, 2, 5, 6, 7, 8, 9, 10}	{9, 10}	{1, 5, 8}	{2, 6, 7}
{2, 5, 8, 7, 1}	{5, 9, 3, 4, 2}	{1, 2, 3, 4, 5, 7, 8, 9}	{2, 5}	{1, 7, 8}	{3, 4, 9}
{9, 3, 4, 2, 7}	{4, 9, 5, 10, 3}	{2, 3, 4, 5, 7, 9, 10}	{3, 4, 9}	{2, 7}	{5, 10}
{1, 9, 7, 6, 3}	{2, 6, 4, 10, 3}	{1, 2, 3, 4, 6, 7, 9, 10}	{3, 6}	{1, 7, 9}	{2, 4, 10}
{4, 3, 6, 9, 5}	{7, 4, 1, 9, 6}	{1, 3, 4, 5, 6, 7, 9}	{4, 6, 9}	{3, 5}	{1, 7}
{5, 3, 1, 7, 6}	{1, 5, 7, 2, 6}	{1, 2, 3, 5, 6, 7}	{1, 5, 6, 7}	{3}	{2}
{1, 2, 7, 5, 10}	{2, 3, 1, 8, 6}	{1, 2, 3, 5, 6, 7, 8, 10}	{1, 2}	{5, 7, 10}	{3, 6, 8}
{5, 2, 1, 10, 3}	{1, 9, 6, 2, 5}	{1, 2, 3, 5, 6, 9, 10}	{1, 2, 5}	{3, 10}	{6, 9}
{4, 1, 5, 10, 2}	{7, 2, 3, 1, 4}	{1, 2, 3, 4, 5, 7, 10}	{1, 2, 4}	{5, 10}	{3, 7}
{9, 1, 4, 3, 2}	{10, 4, 1, 2, 6}	{1, 2, 3, 4, 6, 9, 10}	{1, 2, 4}	{3, 9}	{6, 10}
{6, 1, 9, 8, 5}	{4, 10, 6, 3, 2}	{1, 2, 3, 4, 5, 6, 8, 9, 10}	{6}	{1, 5, 8, 9}	{2, 3, 4, 10}
{2, 5, 6, 9, 1}	{1, 7, 9, 8, 10}	{1, 2, 5, 6, 7, 8, 9, 10}	{1, 9}	{2, 5, 6}	{7, 8, 10}
{2, 7, 6, 4, 1}	{8, 5, 4, 7, 2}	{1, 2, 4, 5, 6, 7, 8}	{2, 4, 7}	{1, 6}	{5, 8}
{3, 4, 8, 1, 10}	{2, 10, 1, 9, 8}	{1, 2, 3, 4, 8, 9, 10}	{1, 8, 10}	{3, 4}	{2, 9}
{4, 2, 9, 5, 10}	{9, 5, 2, 7, 6}	{2, 4, 5, 6, 7, 9, 10}	{2, 5, 9}	{4, 10}	{6, 7}
{1, 7, 4, 10, 3}	{8, 9, 10, 6, 7}	{1, 3, 4, 6, 7, 8, 9, 10}	{7, 10}	{1, 3, 4}	{6, 8, 9}
{4, 8, 2, 5, 1}	{8, 6, 3, 4, 7}	{1, 2, 3, 4, 5, 6, 7, 8}	{4, 8}	{1, 2, 5}	{3, 6, 7}
{3, 4, 5, 9, 2}	{2, 7, 9, 8, 5}	{2, 3, 4, 5, 7, 8, 9}	{2, 5, 9}	{3, 4}	{7, 8}
{10, 9, 5, 3, 4}	{1, 6, 7, 9, 5}	{1, 3, 4, 5, 6, 7, 9, 10}	{5, 9}	{3, 4, 10}	{1, 6, 7}
{8, 10, 3, 7, 2}	{1, 8, 7, 4, 6}	{1, 2, 3, 4, 6, 7, 8, 10}	{7, 8}	{2, 3, 10}	{1, 4, 6}
{4, 3, 2, 9, 5}	{2, 6, 5, 4, 9}	{2, 3, 4, 5, 6, 9}	{2, 4, 5, 9}	{3}	{6}
{2, 10, 5, 7, 4}	{2, 4, 10, 8, 7}	{2, 4, 5, 7, 8, 10}	{2, 4, 7, 10}	{5}	{8}
{2, 1, 6, 4, 9}	{3, 9, 7, 2, 5}	{1, 2, 3, 4, 5, 6, 7, 9}	{2, 9}	{1, 4, 6}	{3, 5, 7}
{3, 5, 9, 4, 2}	{9, 1, 2, 6, 4}	{1, 2, 3, 4, 5, 6, 9}	{2, 4, 9}	{3, 5}	{1, 6}
{2, 3, 6, 5, 10}	{8, 3, 9, 7, 2}	{2, 3, 5, 6, 7, 8, 9, 10}	{2, 3}	{5, 6, 10}	{7, 8, 9}

## 24.

A	B	$A \cup B$	$A \cap B$	$A - B$	$B - A$
{6, 4, 7, 3, 8}	{3, 8, 4, 7, 1}	{1, 3, 4, 6, 7, 8}	{3, 4, 7, 8}	{6}	{1}
{3, 7, 5, 2, 6}	{3, 5, 6, 9, 2}	{2, 3, 5, 6, 7, 9}	{2, 3, 5, 6}	{7}	{9}
{7, 6, 2, 9, 3}	{9, 4, 2, 5, 1}	{1, 2, 3, 4, 5, 6, 7, 9}	{2, 9}	{3, 6, 7}	{1, 4, 5}
{2, 3, 7, 6, 10}	{4, 5, 9, 1, 2}	{1, 2, 3, 4, 5, 6, 7, 9, 10}	{2}	{3, 6, 7, 10}	{1, 4, 5, 9}
{7, 10, 9, 4, 2}	{4, 8, 9, 1, 6}	{1, 2, 4, 6, 7, 8, 9, 10}	{4, 9}	{2, 7, 10}	{1, 6, 8}
{9, 4, 7, 3, 2}	{9, 5, 3, 7, 8}	{2, 3, 4, 5, 7, 8, 9}	{3, 7, 9}	{2, 4}	{5, 8}
{6, 1, 7, 8, 10}	{2, 9, 6, 8, 10}	{1, 2, 6, 7, 8, 9, 10}	{6, 8, 10}	{1, 7}	{2, 9}
{4, 2, 9, 8, 10}	{6, 10, 9, 5, 1}	{1, 2, 4, 5, 6, 8, 9, 10}	{9, 10}	{2, 4, 8}	{1, 5, 6}
{4, 8, 1, 9, 5}	{2, 8, 7, 1, 9}	{1, 2, 4, 5, 7, 8, 9}	{1, 8, 9}	{4, 5}	{2, 7}
{10, 2, 7, 1, 4}	{6, 9, 3, 2, 1}	{1, 2, 3, 4, 6, 7, 9, 10}	{1, 2}	{4, 7, 10}	{3, 6, 9}
{7, 10, 5, 4, 3}	{2, 10, 3, 4, 8}	{2, 3, 4, 5, 7, 8, 10}	{3, 4, 10}	{5, 7}	{2, 8}
{6, 9, 8, 4, 5}	{3, 7, 1, 2, 9}	{1, 2, 3, 4, 5, 6, 7, 8, 9}	{9}	{4, 5, 6, 8}	{1, 2, 3, 7}
{1, 5, 7, 9, 6}	{5, 1, 6, 4, 8}	{1, 4, 5, 6, 7, 8, 9}	{1, 5, 6}	{7, 9}	{4, 8}
{10, 3, 4, 5, 9}	{9, 5, 1, 2, 4}	{1, 2, 3, 4, 5, 9, 10}	{4, 5, 9}	{3, 10}	{1, 2}
{3, 2, 1, 5, 9}	{1, 4, 5, 10, 6}	{1, 2, 3, 4, 5, 6, 9, 10}	{1, 5}	{2, 3, 9}	{4, 6, 10}
{6, 5, 8, 7, 3}	{5, 3, 9, 8, 6}	{3, 5, 6, 7, 8, 9}	{3, 5, 6, 8}	{7}	{9}
{1, 9, 10, 7, 6}	{9, 4, 6, 10, 2}	{1, 2, 4, 6, 7, 9, 10}	{6, 9, 10}	{1, 7}	{2, 4}
{10, 9, 5, 7, 2}	{7, 4, 2, 1, 9}	{1, 2, 4, 5, 7, 9, 10}	{2, 7, 9}	{5, 10}	{1, 4}
{2, 7, 5, 6, 9}	{4, 1, 5, 3, 6}	{1, 2, 3, 4, 5, 6, 7, 9}	{5, 6}	{2, 7, 9}	{1, 3, 4}
{6, 10, 5, 3, 7}	{2, 7, 4, 6, 1}	{1, 2, 3, 4, 5, 6, 7, 10}	{6, 7}	{3, 5, 10}	{1, 2, 4}
{3, 9, 8, 7, 5}	{6, 8, 4, 1, 10}	{1, 3, 4, 5, 6, 7, 8, 9, 10}	{8}	{3, 5, 7, 9}	{1, 4, 6, 10}
{3, 9, 7, 6, 1}	{5, 8, 1, 10, 2}	{1, 2, 3, 5, 6, 7, 8, 9, 10}	{1}	{3, 6, 7, 9}	{2, 5, 8, 10}
{2, 8, 1, 3, 10}	{5, 8, 3, 10, 7}	{1, 2, 3, 5, 7, 8, 10}	{3, 8, 10}	{1, 2}	{5, 7}
{7, 8, 10, 4, 5}	{3, 4, 7, 1, 10}	{1, 3, 4, 5, 7, 8, 10}	{4, 7, 10}	{5, 8}	{1, 3}
{1, 8, 2, 6, 5}	{4, 10, 6, 5, 7}	{1, 2, 4, 5, 6, 7, 8, 10}	{5, 6}	{1, 2, 8}	{4, 7, 10}
{3, 5, 2, 9, 8}	{3, 2, 1, 8, 4}	{1, 2, 3, 4, 5, 8, 9}	{2, 3, 8}	{5, 9}	{1, 4}
{7, 5, 8, 2, 3}	{5, 3, 7, 6, 1}	{1, 2, 3, 5, 6, 7, 8}	{3, 5, 7}	{2, 8}	{1, 6}
{5, 1, 6, 10, 2}	{10, 4, 2, 9, 6}	{1, 2, 4, 5, 6, 9, 10}	{2, 6, 10}	{1, 5}	{4, 9}
{6, 1, 2, 5, 8}	{4, 3, 9, 1, 5}	{1, 2, 3, 4, 5, 6, 8, 9}	{1, 5}	{2, 6, 8}	{3, 4, 9}
{6, 3, 5, 7, 4}	{1, 8, 10, 4, 9}	{1, 3, 4, 5, 6, 7, 8, 9, 10}	{4}	{3, 5, 6, 7}	{1, 8, 9, 10}

## 25.

A	B	$A \cup B$	$A \cap B$	$A - B$	$B - A$
{10, 8, 4, 5, 2}	{5, 8, 7, 6, 1}	{1, 2, 4, 5, 6, 7, 8, 10}	{5, 8}	{2, 4, 10}	{1, 6, 7}
{8, 1, 9, 4, 6}	{8, 10, 6, 4, 5}	{1, 4, 5, 6, 8, 9, 10}	{4, 6, 8}	{1, 9}	{5, 10}
{6, 1, 4, 7, 5}	{6, 4, 1, 8, 10}	{1, 4, 5, 6, 7, 8, 10}	{1, 4, 6}	{5, 7}	{8, 10}
{4, 6, 8, 10, 3}	{1, 4, 2, 10, 9}	{1, 2, 3, 4, 6, 8, 9, 10}	{4, 10}	{3, 6, 8}	{1, 2, 9}
{4, 1, 8, 3, 7}	{3, 7, 4, 1, 9}	{1, 3, 4, 7, 8, 9}	{1, 3, 4, 7}	{8}	{9}
{9, 4, 8, 1, 3}	{9, 8, 1, 2, 6}	{1, 2, 3, 4, 6, 8, 9}	{1, 8, 9}	{3, 4}	{2, 6}
{10, 9, 3, 2, 1}	{4, 1, 10, 7, 3}	{1, 2, 3, 4, 7, 9, 10}	{1, 3, 10}	{2, 9}	{4, 7}
{7, 9, 10, 8, 4}	{9, 8, 2, 4, 6}	{2, 4, 6, 7, 8, 9, 10}	{4, 8, 9}	{7, 10}	{2, 6}
{2, 10, 5, 7, 1}	{4, 3, 10, 5, 9}	{1, 2, 3, 4, 5, 7, 9, 10}	{5, 10}	{1, 2, 7}	{3, 4, 9}
{4, 8, 1, 3, 2}	{3, 8, 6, 2, 1}	{1, 2, 3, 4, 6, 8}	{1, 2, 3, 8}	{4}	{6}
{10, 5, 3, 8, 4}	{10, 7, 2, 1, 3}	{1, 2, 3, 4, 5, 7, 8, 10}	{3, 10}	{4, 5, 8}	{1, 2, 7}
{1, 6, 2, 9, 10}	{9, 3, 4, 10, 2}	{1, 2, 3, 4, 6, 9, 10}	{2, 9, 10}	{1, 6}	{3, 4}
{8, 5, 6, 2, 9}	{7, 6, 8, 3, 5}	{2, 3, 5, 6, 7, 8, 9}	{5, 6, 8}	{2, 9}	{3, 7}
{5, 8, 4, 10, 6}	{6, 7, 9, 10, 8}	{4, 5, 6, 7, 8, 9, 10}	{6, 8, 10}	{4, 5}	{7, 9}
{8, 7, 6, 9, 3}	{6, 8, 10, 5, 3}	{3, 5, 6, 7, 8, 9, 10}	{3, 6, 8}	{7, 9}	{5, 10}
{9, 3, 4, 6, 1}	{1, 4, 6, 7, 8}	{1, 3, 4, 6, 7, 8, 9}	{1, 4, 6}	{3, 9}	{7, 8}
{8, 1, 9, 4, 7}	{9, 6, 7, 10, 1}	{1, 4, 6, 7, 8, 9, 10}	{1, 7, 9}	{4, 8}	{6, 10}
{8, 1, 7, 4, 2}	{4, 2, 1, 3, 6}	{1, 2, 3, 4, 6, 7, 8}	{1, 2, 4}	{7, 8}	{3, 6}
{8, 7, 10, 1, 5}	{6, 8, 9, 5, 3}	{1, 3, 5, 6, 7, 8, 9, 10}	{5, 8}	{1, 7, 10}	{3, 6, 9}
{6, 1, 4, 10, 8}	{3, 8, 10, 9, 2}	{1, 2, 3, 4, 6, 8, 9, 10}	{8, 10}	{1, 4, 6}	{2, 3, 9}
{10, 8, 1, 2, 4}	{4, 10, 2, 5, 7}	{1, 2, 4, 5, 7, 8, 10}	{2, 4, 10}	{1, 8}	{5, 7}
{6, 10, 7, 9, 1}	{7, 5, 6, 3, 10}	{1, 3, 5, 6, 7, 9, 10}	{6, 7, 10}	{1, 9}	{3, 5}
{10, 6, 9, 1, 7}	{2, 10, 9, 3, 5}	{1, 2, 3, 5, 6, 7, 9, 10}	{9, 10}	{1, 6, 7}	{2, 3, 5}
{1, 3, 4, 9, 5}	{1, 9, 10, 8, 6}	{1, 3, 4, 5, 6, 8, 9, 10}	{1, 9}	{3, 4, 5}	{6, 8, 10}
{9, 8, 2, 6, 4}	{3, 6, 10, 4, 7}	{2, 3, 4, 6, 7, 8, 9, 10}	{4, 6}	{2, 8, 9}	{3, 7, 10}
{9, 8, 6, 4, 10}	{8, 4, 3, 10, 9}	{3, 4, 6, 8, 9, 10}	{4, 8, 9, 10}	{6}	{3}
{8, 1, 5, 2, 4}	{7, 1, 5, 9, 10}	{1, 2, 4, 5, 7, 8, 9, 10}	{1, 5}	{2, 4, 8}	{7, 9, 10}
{4, 6, 10, 2, 1}	{8, 3, 4, 1, 2}	{1, 2, 3, 4, 6, 8, 10}	{1, 2, 4}	{6, 10}	{3, 8}
{4, 5, 9, 7, 1}	{1, 2, 9, 5, 3}	{1, 2, 3, 4, 5, 7, 9}	{1, 5, 9}	{4, 7}	{2, 3}
{4, 10, 1, 7, 5}	{6, 2, 10, 5, 8}	{1, 2, 4, 5, 6, 7, 8, 10}	{5, 10}	{1, 4, 7}	{2, 6, 8}



## 26.

A	B	$A \cup B$	$A \cap B$	$A - B$	$B - A$
{4, 9, 2, 6, 1}	{5, 7, 10, 9, 3}	{1, 2, 3, 4, 5, 6, 7, 9, 10}	{9}	{1, 2, 4, 6}	{3, 5, 7, 10}
{7, 8, 1, 4, 9}	{9, 5, 4, 8, 7}	{1, 4, 5, 7, 8, 9}	{4, 7, 8, 9}	{1}	{5}
{5, 9, 10, 2, 7}	{8, 5, 7, 3, 4}	{2, 3, 4, 5, 7, 8, 9, 10}	{5, 7}	{2, 9, 10}	{3, 4, 8}
{9, 7, 5, 2, 4}	{5, 4, 1, 10, 2}	{1, 2, 4, 5, 7, 9, 10}	{2, 4, 5}	{7, 9}	{1, 10}
{10, 8, 3, 4, 6}	{7, 4, 8, 3, 5}	{3, 4, 5, 6, 7, 8, 10}	{3, 4, 8}	{6, 10}	{5, 7}
{10, 8, 9, 1, 3}	{6, 1, 10, 4, 5}	{1, 3, 4, 5, 6, 8, 9, 10}	{1, 10}	{3, 8, 9}	{4, 5, 6}
{10, 8, 9, 4, 3}	{7, 6, 9, 2, 5}	{2, 3, 4, 5, 6, 7, 8, 9, 10}	{9}	{3, 4, 8, 10}	{2, 5, 6, 7}
{3, 8, 9, 2, 7}	{5, 6, 9, 7, 8}	{2, 3, 5, 6, 7, 8, 9}	{7, 8, 9}	{2, 3}	{5, 6}
{1, 7, 5, 3, 9}	{9, 4, 3, 2, 10}	{1, 2, 3, 4, 5, 7, 9, 10}	{3, 9}	{1, 5, 7}	{2, 4, 10}
{6, 5, 7, 2, 9}	{9, 4, 6, 3, 2}	{2, 3, 4, 5, 6, 7, 9}	{2, 6, 9}	{5, 7}	{3, 4}
{4, 3, 5, 6, 1}	{7, 10, 2, 8, 5}	{1, 2, 3, 4, 5, 6, 7, 8, 10}	{5}	{1, 3, 4, 6}	{2, 7, 8, 10}
{8, 2, 9, 5, 10}	{9, 3, 1, 10, 7}	{1, 2, 3, 5, 7, 8, 9, 10}	{9, 10}	{2, 5, 8}	{1, 3, 7}
{1, 4, 9, 5, 2}	{3, 1, 4, 10, 2}	{1, 2, 3, 4, 5, 9, 10}	{1, 2, 4}	{5, 9}	{3, 10}
{1, 10, 8, 2, 9}	{5, 7, 3, 1, 8}	{1, 2, 3, 5, 7, 8, 9, 10}	{1, 8}	{2, 9, 10}	{3, 5, 7}
{10, 2, 7, 6, 8}	{1, 9, 10, 7, 5}	{1, 2, 5, 6, 7, 8, 9, 10}	{7, 10}	{2, 6, 8}	{1, 5, 9}
{1, 9, 8, 10, 6}	{5, 4, 8, 7, 6}	{1, 4, 5, 6, 7, 8, 9, 10}	{6, 8}	{1, 9, 10}	{4, 5, 7}
{9, 5, 10, 8, 4}	{9, 4, 8, 1, 7}	{1, 4, 5, 7, 8, 9, 10}	{4, 8, 9}	{5, 10}	{1, 7}
{3, 4, 8, 10, 7}	{8, 6, 4, 3, 9}	{3, 4, 6, 7, 8, 9, 10}	{3, 4, 8}	{7, 10}	{6, 9}
{8, 4, 3, 9, 7}	{7, 4, 10, 1, 3}	{1, 3, 4, 7, 8, 9, 10}	{3, 4, 7}	{8, 9}	{1, 10}
{3, 5, 4, 1, 6}	{9, 7, 2, 6, 1}	{1, 2, 3, 4, 5, 6, 7, 9}	{1, 6}	{3, 4, 5}	{2, 7, 9}
{7, 10, 8, 2, 1}	{3, 5, 9, 6, 8}	{1, 2, 3, 5, 6, 7, 8, 9, 10}	{8}	{1, 2, 7, 10}	{3, 5, 6, 9}
{10, 9, 5, 2, 6}	{2, 3, 6, 8, 10}	{2, 3, 5, 6, 8, 9, 10}	{2, 6, 10}	{5, 9}	{3, 8}
{8, 2, 7, 1, 6}	{10, 3, 6, 4, 1}	{1, 2, 3, 4, 6, 7, 8, 10}	{1, 6}	{2, 7, 8}	{3, 4, 10}
{1, 6, 10, 5, 8}	{2, 5, 8, 9, 10}	{1, 2, 5, 6, 8, 9, 10}	{5, 8, 10}	{1, 6}	{2, 9}
{7, 1, 8, 9, 4}	{9, 1, 7, 3, 4}	{1, 3, 4, 7, 8, 9}	{1, 4, 7, 9}	{8}	{3}
{8, 7, 1, 4, 5}	{9, 3, 1, 8, 10}	{1, 3, 4, 5, 7, 8, 9, 10}	{1, 8}	{4, 5, 7}	{3, 9, 10}
{1, 5, 9, 6, 4}	{1, 8, 10, 9, 5}	{1, 4, 5, 6, 8, 9, 10}	{1, 5, 9}	{4, 6}	{8, 10}
{5, 4, 6, 9, 3}	{4, 6, 10, 7, 1}	{1, 3, 4, 5, 6, 7, 9, 10}	{4, 6}	{3, 5, 9}	{1, 7, 10}
{9, 4, 10, 7, 3}	{2, 4, 9, 8, 10}	{2, 3, 4, 7, 8, 9, 10}	{4, 9, 10}	{3, 7}	{2, 8}
{1, 9, 4, 3, 6}	{10, 1, 3, 2, 4}	{1, 2, 3, 4, 6, 9, 10}	{1, 3, 4}	{6, 9}	{2, 10}

## 27.

A	B	$A \cup B$	$A \cap B$	$A - B$	$B - A$
{1, 10, 9, 4, 2}	{3, 7, 6, 10, 4}	{1, 2, 3, 4, 6, 7, 9, 10}	{4, 10}	{1, 2, 9}	{3, 6, 7}
{10, 7, 6, 9, 4}	{8, 10, 1, 5, 7}	{1, 4, 5, 6, 7, 8, 9, 10}	{7, 10}	{4, 6, 9}	{1, 5, 8}
{4, 8, 1, 6, 7}	{2, 9, 3, 4, 1}	{1, 2, 3, 4, 6, 7, 8, 9}	{1, 4}	{6, 7, 8}	{2, 3, 9}
{5, 6, 4, 9, 2}	{7, 9, 2, 1, 3}	{1, 2, 3, 4, 5, 6, 7, 9}	{2, 9}	{4, 5, 6}	{1, 3, 7}
{3, 4, 10, 8, 9}	{6, 5, 4, 7, 9}	{3, 4, 5, 6, 7, 8, 9, 10}	{4, 9}	{3, 8, 10}	{5, 6, 7}
{10, 8, 7, 1, 6}	{1, 9, 7, 2, 10}	{1, 2, 6, 7, 8, 9, 10}	{1, 7, 10}	{6, 8}	{2, 9}
{8, 7, 10, 1, 2}	{1, 3, 10, 5, 8}	{1, 2, 3, 5, 7, 8, 10}	{1, 8, 10}	{2, 7}	{3, 5}
{5, 1, 10, 4, 3}	{10, 1, 5, 7, 3}	{1, 3, 4, 5, 7, 10}	{1, 3, 5, 10}	{4}	{7}
{5, 9, 8, 6, 2}	{4, 9, 6, 3, 1}	{1, 2, 3, 4, 5, 6, 8, 9}	{6, 9}	{2, 5, 8}	{1, 3, 4}
{6, 3, 4, 2, 5}	{8, 7, 9, 10, 6}	{2, 3, 4, 5, 6, 7, 8, 9, 10}	{6}	{2, 3, 4, 5}	{7, 8, 9, 10}
{7, 10, 3, 1, 5}	{9, 10, 5, 7, 4}	{1, 3, 4, 5, 7, 9, 10}	{5, 7, 10}	{1, 3}	{4, 9}
{5, 6, 2, 8, 3}	{8, 6, 3, 9, 1}	{1, 2, 3, 5, 6, 8, 9}	{3, 6, 8}	{2, 5}	{1, 9}
{4, 6, 8, 2, 3}	{9, 3, 8, 10, 4}	{2, 3, 4, 6, 8, 9, 10}	{3, 4, 8}	{2, 6}	{9, 10}
{7, 5, 6, 4, 1}	{5, 8, 6, 1, 10}	{1, 4, 5, 6, 7, 8, 10}	{1, 5, 6}	{4, 7}	{8, 10}
{1, 8, 7, 10, 4}	{2, 6, 9, 3, 1}	{1, 2, 3, 4, 6, 7, 8, 9, 10}	{1}	{4, 7, 8, 10}	{2, 3, 6, 9}
{1, 6, 10, 4, 8}	{9, 10, 6, 7, 1}	{1, 4, 6, 7, 8, 9, 10}	{1, 6, 10}	{4, 8}	{7, 9}
{7, 8, 9, 10, 1}	{4, 2, 10, 8, 6}	{1, 2, 4, 6, 7, 8, 9, 10}	{8, 10}	{1, 7, 9}	{2, 4, 6}
{8, 1, 2, 10, 7}	{4, 9, 1, 2, 10}	{1, 2, 4, 7, 8, 9, 10}	{1, 2, 10}	{7, 8}	{4, 9}
{3, 6, 7, 10, 8}	{2, 7, 1, 10, 3}	{1, 2, 3, 6, 7, 8, 10}	{3, 7, 10}	{6, 8}	{1, 2}
{5, 9, 3, 10, 4}	{8, 10, 5, 1, 7}	{1, 3, 4, 5, 7, 8, 9, 10}	{5, 10}	{3, 4, 9}	{1, 7, 8}
{1, 7, 3, 6, 5}	{8, 1, 4, 9, 6}	{1, 3, 4, 5, 6, 7, 8, 9}	{1, 6}	{3, 5, 7}	{4, 8, 9}
{6, 5, 3, 10, 8}	{6, 5, 2, 3, 9}	{2, 3, 5, 6, 8, 9, 10}	{3, 5, 6}	{8, 10}	{2, 9}
{8, 5, 7, 9, 1}	{9, 5, 1, 7, 4}	{1, 4, 5, 7, 8, 9}	{1, 5, 7, 9}	{8}	{4}
{5, 8, 7, 2, 6}	{7, 9, 5, 6, 3}	{2, 3, 5, 6, 7, 8, 9}	{5, 6, 7}	{2, 8}	{3, 9}
{2, 10, 1, 6, 9}	{5, 1, 9, 7, 6}	{1, 2, 5, 6, 7, 9, 10}	{1, 6, 9}	{2, 10}	{5, 7}
{7, 8, 2, 3, 1}	{4, 2, 6, 10, 8}	{1, 2, 3, 4, 6, 7, 8, 10}	{2, 8}	{1, 3, 7}	{4, 6, 10}
{2, 10, 3, 9, 6}	{6, 3, 2, 9, 4}	{2, 3, 4, 6, 9, 10}	{2, 3, 6, 9}	{10}	{4}
{4, 5, 9, 1, 6}	{4, 1, 5, 9, 6}	{1, 4, 5, 6, 9}	{1, 4, 5, 6, 9}	{}	{}
{7, 8, 5, 9, 6}	{5, 8, 3, 2, 4}	{2, 3, 4, 5, 6, 7, 8, 9}	{5, 8}	{6, 7, 9}	{2, 3, 4}
{3, 7, 6, 4, 2}	{5, 1, 10, 4, 3}	{1, 2, 3, 4, 5, 6, 7, 10}	{3, 4}	{2, 6, 7}	{1, 5, 10}

## 28.

A	B	$A \cup B$	$A \cap B$	$A - B$	$B - A$
{4, 5, 6, 1, 8}	{5, 3, 2, 4, 8}	{1, 2, 3, 4, 5, 6, 8}	{4, 5, 8}	{1, 6}	{2, 3}
{8, 10, 5, 6, 7}	{9, 5, 6, 10, 2}	{2, 5, 6, 7, 8, 9, 10}	{5, 6, 10}	{7, 8}	{2, 9}
{7, 1, 2, 9, 8}	{5, 9, 10, 8, 3}	{1, 2, 3, 5, 7, 8, 9, 10}	{8, 9}	{1, 2, 7}	{3, 5, 10}
{3, 8, 7, 1, 2}	{8, 10, 9, 3, 1}	{1, 2, 3, 7, 8, 9, 10}	{1, 3, 8}	{2, 7}	{9, 10}
{7, 9, 4, 8, 5}	{2, 6, 7, 3, 4}	{2, 3, 4, 5, 6, 7, 8, 9}	{4, 7}	{5, 8, 9}	{2, 3, 6}
{2, 10, 5, 6, 1}	{2, 8, 4, 7, 6}	{1, 2, 4, 5, 6, 7, 8, 10}	{2, 6}	{1, 5, 10}	{4, 7, 8}
{5, 9, 1, 8, 3}	{4, 2, 9, 8, 10}	{1, 2, 3, 4, 5, 8, 9, 10}	{8, 9}	{1, 3, 5}	{2, 4, 10}
{1, 7, 9, 3, 8}	{7, 9, 6, 3, 4}	{1, 3, 4, 6, 7, 8, 9}	{3, 7, 9}	{1, 8}	{4, 6}
{8, 2, 5, 1, 3}	{3, 10, 1, 7, 4}	{1, 2, 3, 4, 5, 7, 8, 10}	{1, 3}	{2, 5, 8}	{4, 7, 10}
{1, 2, 9, 3, 6}	{7, 10, 5, 9, 2}	{1, 2, 3, 5, 6, 7, 9, 10}	{2, 9}	{1, 3, 6}	{5, 7, 10}
{9, 7, 2, 3, 5}	{3, 7, 5, 6, 2}	{2, 3, 5, 6, 7, 9}	{2, 3, 5, 7}	{9}	{6}
{1, 8, 7, 5, 9}	{5, 4, 8, 10, 3}	{1, 3, 4, 5, 7, 8, 9, 10}	{5, 8}	{1, 7, 9}	{3, 4, 10}
{3, 6, 2, 9, 4}	{9, 4, 7, 10, 3}	{2, 3, 4, 6, 7, 9, 10}	{3, 4, 9}	{2, 6}	{7, 10}
{4, 2, 8, 10, 9}	{5, 2, 9, 4, 1}	{1, 2, 4, 5, 8, 9, 10}	{2, 4, 9}	{8, 10}	{1, 5}
{10, 9, 5, 4, 2}	{4, 1, 5, 6, 2}	{1, 2, 4, 5, 6, 9, 10}	{2, 4, 5}	{9, 10}	{1, 6}
{3, 5, 7, 10, 6}	{8, 9, 4, 10, 7}	{3, 4, 5, 6, 7, 8, 9, 10}	{7, 10}	{3, 5, 6}	{4, 8, 9}
{1, 3, 4, 10, 6}	{7, 8, 4, 1, 2}	{1, 2, 3, 4, 6, 7, 8, 10}	{1, 4}	{3, 6, 10}	{2, 7, 8}
{2, 10, 5, 9, 3}	{7, 3, 2, 8, 1}	{1, 2, 3, 5, 7, 8, 9, 10}	{2, 3}	{5, 9, 10}	{1, 7, 8}
{6, 3, 1, 5, 10}	{10, 3, 4, 7, 9}	{1, 3, 4, 5, 6, 7, 9, 10}	{3, 10}	{1, 5, 6}	{4, 7, 9}
{9, 2, 3, 4, 6}	{7, 3, 9, 5, 4}	{2, 3, 4, 5, 6, 7, 9}	{3, 4, 9}	{2, 6}	{5, 7}
{5, 6, 8, 7, 2}	{5, 7, 3, 1, 4}	{1, 2, 3, 4, 5, 6, 7, 8}	{5, 7}	{2, 6, 8}	{1, 3, 4}
{2, 4, 10, 8, 6}	{2, 4, 6, 9, 3}	{2, 3, 4, 6, 8, 9, 10}	{2, 4, 6}	{8, 10}	{3, 9}
{1, 4, 5, 9, 3}	{3, 2, 8, 7, 10}	{1, 2, 3, 4, 5, 7, 8, 9, 10}	{3}	{1, 4, 5, 9}	{2, 7, 8, 10}
{10, 6, 8, 4, 3}	{2, 3, 8, 9, 6}	{2, 3, 4, 6, 8, 9, 10}	{3, 6, 8}	{4, 10}	{2, 9}
{9, 6, 7, 2, 3}	{10, 9, 8, 7, 2}	{2, 3, 6, 7, 8, 9, 10}	{2, 7, 9}	{3, 6}	{8, 10}
{8, 4, 10, 5, 1}	{4, 9, 8, 5, 10}	{1, 4, 5, 8, 9, 10}	{4, 5, 8, 10}	{1}	{9}
{4, 9, 5, 3, 1}	{3, 5, 4, 8, 9}	{1, 3, 4, 5, 8, 9}	{3, 4, 5, 9}	{1}	{8}
{10, 7, 1, 8, 6}	{8, 6, 1, 10, 3}	{1, 3, 6, 7, 8, 10}	{1, 6, 8, 10}	{7}	{3}
{10, 9, 5, 6, 3}	{7, 4, 2, 8, 9}	{2, 3, 4, 5, 6, 7, 8, 9, 10}	{9}	{3, 5, 6, 10}	{2, 4, 7, 8}
{9, 1, 5, 6, 2}	{6, 2, 7, 1, 4}	{1, 2, 4, 5, 6, 7, 9}	{1, 2, 6}	{5, 9}	{4, 7}

## 29.

A	B	$A \cup B$	$A \cap B$	$A - B$	$B - A$
{8, 7, 5, 2, 3}	{2, 5, 1, 10, 4}	{1, 2, 3, 4, 5, 7, 8, 10}	{2, 5}	{3, 7, 8}	{1, 4, 10}
{8, 6, 5, 4, 2}	{1, 8, 2, 9, 6}	{1, 2, 4, 5, 6, 8, 9}	{2, 6, 8}	{4, 5}	{1, 9}
{7, 4, 5, 10, 2}	{4, 10, 1, 7, 6}	{1, 2, 4, 5, 6, 7, 10}	{4, 7, 10}	{2, 5}	{1, 6}
{9, 10, 8, 6, 3}	{9, 5, 2, 6, 4}	{2, 3, 4, 5, 6, 8, 9, 10}	{6, 9}	{3, 8, 10}	{2, 4, 5}
{5, 8, 9, 6, 7}	{5, 10, 1, 8, 7}	{1, 5, 6, 7, 8, 9, 10}	{5, 7, 8}	{6, 9}	{1, 10}
{2, 8, 1, 7, 5}	{8, 6, 5, 2, 7}	{1, 2, 5, 6, 7, 8}	{2, 5, 7, 8}	{1}	{6}
{4, 2, 9, 10, 6}	{4, 3, 5, 8, 1}	{1, 2, 3, 4, 5, 6, 8, 9, 10}	{4}	{2, 6, 9, 10}	{1, 3, 5, 8}
{3, 1, 4, 6, 9}	{4, 2, 3, 7, 1}	{1, 2, 3, 4, 6, 7, 9}	{1, 3, 4}	{6, 9}	{2, 7}
{10, 6, 3, 1, 9}	{7, 2, 9, 8, 1}	{1, 2, 3, 6, 7, 8, 9, 10}	{1, 9}	{3, 6, 10}	{2, 7, 8}
{3, 8, 5, 10, 1}	{9, 8, 3, 1, 7}	{1, 3, 5, 7, 8, 9, 10}	{1, 3, 8}	{5, 10}	{7, 9}
{6, 2, 3, 8, 10}	{10, 4, 2, 9, 3}	{2, 3, 4, 6, 8, 9, 10}	{2, 3, 10}	{6, 8}	{4, 9}
{7, 10, 8, 3, 4}	{3, 10, 4, 2, 6}	{2, 3, 4, 6, 7, 8, 10}	{3, 4, 10}	{7, 8}	{2, 6}
{3, 4, 7, 2, 6}	{3, 5, 2, 9, 10}	{2, 3, 4, 5, 6, 7, 9, 10}	{2, 3}	{4, 6, 7}	{5, 9, 10}
{2, 10, 9, 7, 4}	{3, 1, 4, 2, 5}	{1, 2, 3, 4, 5, 7, 9, 10}	{2, 4}	{7, 9, 10}	{1, 3, 5}
{6, 9, 8, 3, 10}	{1, 4, 3, 5, 6}	{1, 3, 4, 5, 6, 8, 9, 10}	{3, 6}	{8, 9, 10}	{1, 4, 5}
{1, 5, 8, 10, 7}	{3, 4, 8, 2, 5}	{1, 2, 3, 4, 5, 7, 8, 10}	{5, 8}	{1, 7, 10}	{2, 3, 4}
{4, 1, 3, 7, 8}	{4, 6, 9, 5, 1}	{1, 3, 4, 5, 6, 7, 8, 9}	{1, 4}	{3, 7, 8}	{5, 6, 9}
{2, 8, 6, 7, 5}	{7, 10, 5, 4, 6}	{2, 4, 5, 6, 7, 8, 10}	{5, 6, 7}	{2, 8}	{4, 10}
{2, 8, 6, 4, 3}	{6, 1, 2, 9, 8}	{1, 2, 3, 4, 6, 8, 9}	{2, 6, 8}	{3, 4}	{1, 9}
{3, 5, 8, 4, 6}	{8, 10, 2, 4, 6}	{2, 3, 4, 5, 6, 8, 10}	{4, 6, 8}	{3, 5}	{2, 10}
{7, 9, 1, 10, 3}	{9, 4, 6, 10, 3}	{1, 3, 4, 6, 7, 9, 10}	{3, 9, 10}	{1, 7}	{4, 6}
{2, 9, 7, 4, 8}	{4, 1, 7, 9, 10}	{1, 2, 4, 7, 8, 9, 10}	{4, 7, 9}	{2, 8}	{1, 10}
{6, 7, 8, 5, 10}	{1, 3, 2, 8, 7}	{1, 2, 3, 5, 6, 7, 8, 10}	{7, 8}	{5, 6, 10}	{1, 2, 3}
{6, 1, 2, 3, 7}	{8, 5, 2, 9, 7}	{1, 2, 3, 5, 6, 7, 8, 9}	{2, 7}	{1, 3, 6}	{5, 8, 9}
{7, 1, 5, 4, 3}	{4, 6, 10, 1, 3}	{1, 3, 4, 5, 6, 7, 10}	{1, 3, 4}	{5, 7}	{6, 10}
{7, 4, 2, 3, 9}	{10, 5, 7, 9, 8}	{2, 3, 4, 5, 7, 8, 9, 10}	{7, 9}	{2, 3, 4}	{5, 8, 10}
{4, 3, 8, 7, 10}	{8, 4, 10, 3, 6}	{3, 4, 6, 7, 8, 10}	{3, 4, 8, 10}	{7}	{6}
{8, 6, 5, 2, 3}	{3, 6, 5, 7, 10}	{2, 3, 5, 6, 7, 8, 10}	{3, 5, 6}	{2, 8}	{7, 10}
{3, 9, 1, 2, 4}	{7, 1, 3, 6, 8}	{1, 2, 3, 4, 6, 7, 8, 9}	{1, 3}	{2, 4, 9}	{6, 7, 8}
{1, 5, 6, 10, 8}	{1, 7, 2, 5, 9}	{1, 2, 5, 6, 7, 8, 9, 10}	{1, 5}	{6, 8, 10}	{2, 7, 9}

30.

A	B	$A \cup B$	$A \cap B$	$A - B$	$B - A$
{4, 3, 2, 6, 5}	{8, 3, 9, 4, 10}	{2, 3, 4, 5, 6, 8, 9, 10}	{3, 4}	{2, 5, 6}	{8, 9, 10}
{7, 5, 6, 8, 1}	{6, 8, 2, 9, 3}	{1, 2, 3, 5, 6, 7, 8, 9}	{6, 8}	{1, 5, 7}	{2, 3, 9}
{9, 3, 1, 6, 4}	{6, 3, 1, 5, 10}	{1, 3, 4, 5, 6, 9, 10}	{1, 3, 6}	{4, 9}	{5, 10}
{4, 5, 3, 1, 9}	{8, 2, 1, 3, 6}	{1, 2, 3, 4, 5, 6, 8, 9}	{1, 3}	{4, 5, 9}	{2, 6, 8}
{2, 8, 7, 10, 3}	{3, 7, 8, 9, 4}	{2, 3, 4, 7, 8, 9, 10}	{3, 7, 8}	{2, 10}	{4, 9}
{2, 8, 10, 7, 3}	{5, 1, 7, 8, 2}	{1, 2, 3, 5, 7, 8, 10}	{2, 7, 8}	{3, 10}	{1, 5}
{8, 5, 10, 6, 2}	{10, 6, 9, 4, 7}	{2, 4, 5, 6, 7, 8, 9, 10}	{6, 10}	{2, 5, 8}	{4, 7, 9}
{8, 6, 10, 1, 7}	{3, 10, 6, 5, 8}	{1, 3, 5, 6, 7, 8, 10}	{6, 8, 10}	{1, 7}	{3, 5}
{4, 2, 1, 3, 6}	{7, 1, 6, 9, 10}	{1, 2, 3, 4, 6, 7, 9, 10}	{1, 6}	{2, 3, 4}	{7, 9, 10}
{1, 6, 10, 3, 8}	{6, 9, 7, 4, 8}	{1, 3, 4, 6, 7, 8, 9, 10}	{6, 8}	{1, 3, 10}	{4, 7, 9}
{4, 8, 2, 9, 5}	{7, 9, 4, 6, 2}	{2, 4, 5, 6, 7, 8, 9}	{2, 4, 9}	{5, 8}	{6, 7}
{9, 2, 4, 8, 3}	{10, 2, 3, 8, 7}	{2, 3, 4, 7, 8, 9, 10}	{2, 3, 8}	{4, 9}	{7, 10}
{4, 1, 10, 8, 2}	{1, 4, 9, 7, 6}	{1, 2, 4, 6, 7, 8, 9, 10}	{1, 4}	{2, 8, 10}	{6, 7, 9}
{4, 8, 10, 6, 3}	{5, 9, 2, 4, 3}	{2, 3, 4, 5, 6, 8, 9, 10}	{3, 4}	{6, 8, 10}	{2, 5, 9}
{7, 3, 4, 6, 1}	{10, 6, 5, 9, 7}	{1, 3, 4, 5, 6, 7, 9, 10}	{6, 7}	{1, 3, 4}	{5, 9, 10}
{5, 1, 2, 7, 4}	{4, 8, 1, 10, 5}	{1, 2, 4, 5, 7, 8, 10}	{1, 4, 5}	{2, 7}	{8, 10}
{3, 10, 1, 7, 8}	{4, 9, 10, 8, 6}	{1, 3, 4, 6, 7, 8, 9, 10}	{8, 10}	{1, 3, 7}	{4, 6, 9}
{4, 1, 3, 6, 10}	{1, 2, 5, 4, 8}	{1, 2, 3, 4, 5, 6, 8, 10}	{1, 4}	{3, 6, 10}	{2, 5, 8}
{5, 2, 9, 1, 4}	{3, 1, 8, 10, 2}	{1, 2, 3, 4, 5, 8, 9, 10}	{1, 2}	{4, 5, 9}	{3, 8, 10}
{8, 6, 2, 3, 9}	{5, 4, 1, 8, 9}	{1, 2, 3, 4, 5, 6, 8, 9}	{8, 9}	{2, 3, 6}	{1, 4, 5}
{10, 7, 5, 4, 2}	{10, 4, 1, 2, 8}	{1, 2, 4, 5, 7, 8, 10}	{2, 4, 10}	{5, 7}	{1, 8}
{1, 7, 3, 5, 2}	{4, 7, 5, 2, 6}	{1, 2, 3, 4, 5, 6, 7}	{2, 5, 7}	{1, 3}	{4, 6}
{1, 2, 8, 6, 5}	{10, 9, 4, 3, 6}	{1, 2, 3, 4, 5, 6, 8, 9, 10}	{6}	{1, 2, 5, 8}	{3, 4, 9, 10}
{5, 1, 8, 3, 4}	{9, 1, 10, 2, 8}	{1, 2, 3, 4, 5, 8, 9, 10}	{1, 8}	{3, 4, 5}	{2, 9, 10}
{5, 10, 3, 9, 2}	{9, 8, 1, 6, 7}	{1, 2, 3, 5, 6, 7, 8, 9, 10}	{9}	{2, 3, 5, 10}	{1, 6, 7, 8}
{3, 5, 10, 2, 4}	{1, 10, 3, 4, 7}	{1, 2, 3, 4, 5, 7, 10}	{3, 4, 10}	{2, 5}	{1, 7}
{4, 5, 1, 9, 8}	{2, 5, 6, 8, 3}	{1, 2, 3, 4, 5, 6, 8, 9}	{5, 8}	{1, 4, 9}	{2, 3, 6}
{2, 8, 4, 7, 10}	{7, 10, 8, 4, 6}	{2, 4, 6, 7, 8, 10}	{4, 7, 8, 10}	{2}	{6}
{9, 10, 3, 5, 8}	{3, 8, 7, 10, 9}	{3, 5, 7, 8, 9, 10}	{3, 8, 9, 10}	{5}	{7}
{6, 9, 1, 8, 10}	{2, 6, 1, 7, 3}	{1, 2, 3, 6, 7, 8, 9, 10}	{1, 6}	{8, 9, 10}	{2, 3, 7}