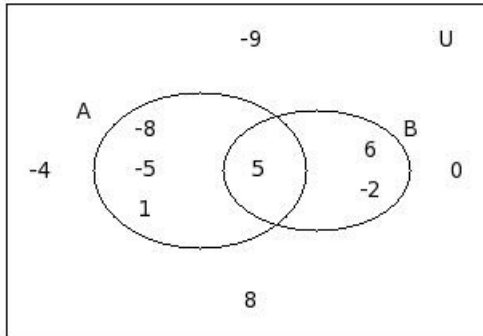


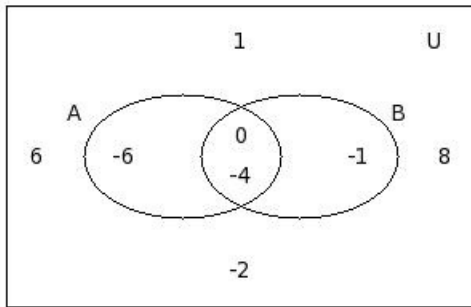


1. Find  $n(B)$



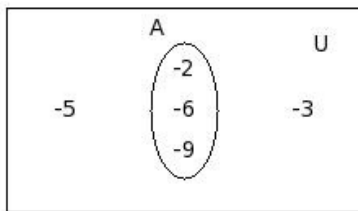
- (i) 4 (ii) 3 (iii) 2 (iv) 6 (v) 0

2. Find  $n(B)$



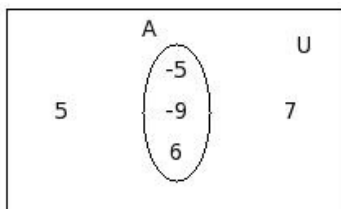
- (i) 5 (ii) 1 (iii) 2 (iv) 3 (v) 4

3. Find  $n(A \cup \emptyset)$



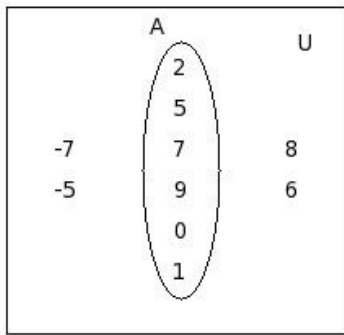
- (i) 2 (ii) 3 (iii) 4 (iv) 1 (v) 6

4. Find  $A \cap \emptyset$



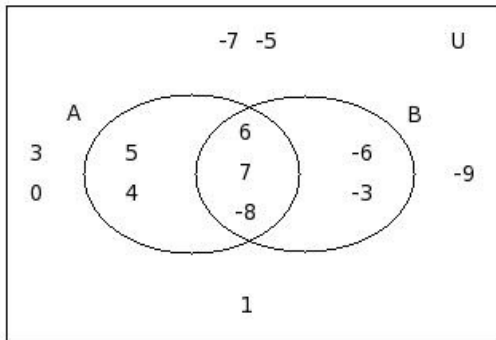
- (i) {5} (ii) {6,5} (iii) {} (iv) {4,-1,6,5} (v) {6}

5. Find  $n(A \cap A)$



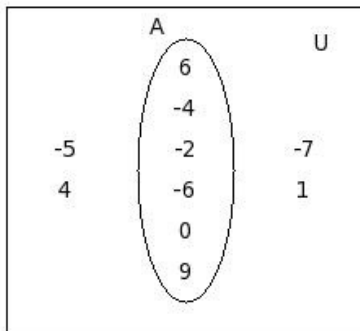
- (i) 5 (ii) 3 (iii) 7 (iv) 6 (v) 8

6. Find B



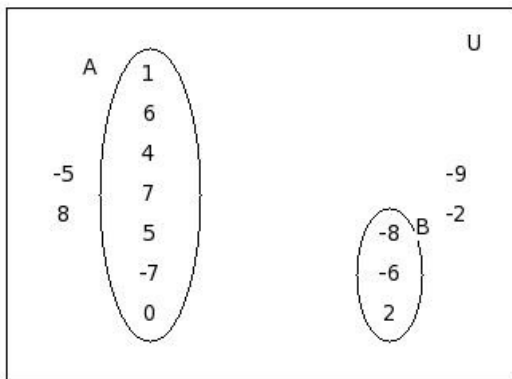
- (i)  $\{7, -3, -8, -6\}$  (ii)  $\{-3, -8, -6, 7, 6\}$  (iii)  $\{6, -8, -6, -3\}$  (iv)  $\{-6, -3, 0, 7, -8\}$  (v)  $\{-8, 1, 6, -3, 7, -6\}$

7. Find  $n(A \cap A)$



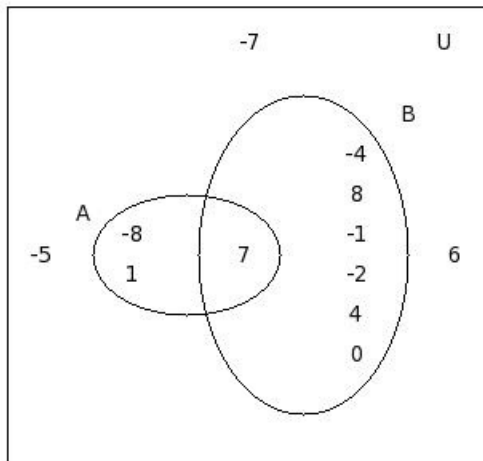
- (i) 4 (ii) 6 (iii) 7 (iv) 9 (v) 5

8. Find  $n(A \cap B)$



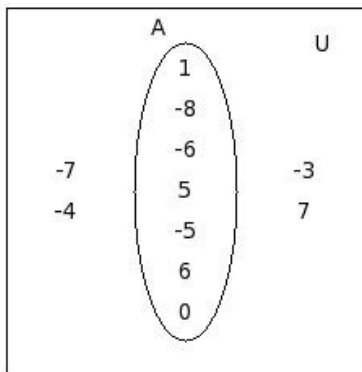
- (i) 0 (ii) 3 (iii) (-1) (iv) 1 (v) (-3)

9. Find A



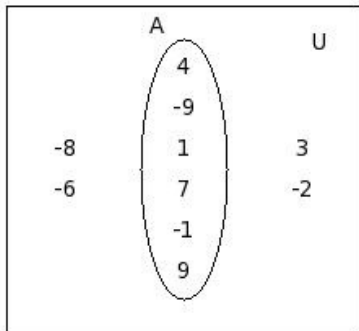
- (i)  $\{-8,1,7\}$  (ii)  $\{-8,7\}$  (iii)  $\{-5,-8,7\}$  (iv)  $\{-8,1\}$  (v)  $\{-5,7,-8,1\}$

10. Find A



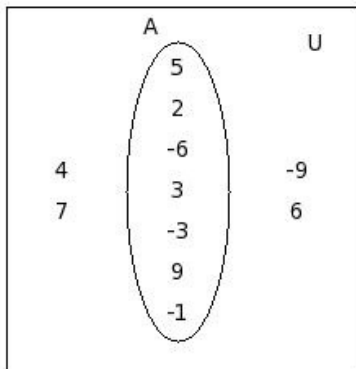
- (i)  $\{-6,1,0,-8,7,-5\}$  (ii)  $\{0,6,-5,5,-6,1,-8\}$  (iii)  $\{-5,-6,5,1,0,-8\}$  (iv)  $\{0,3,-4,1,-8,-6,4,7\}$  (v)  $\{-8,0,1,7,-4,-6\}$

11. Find  $A \cup A$



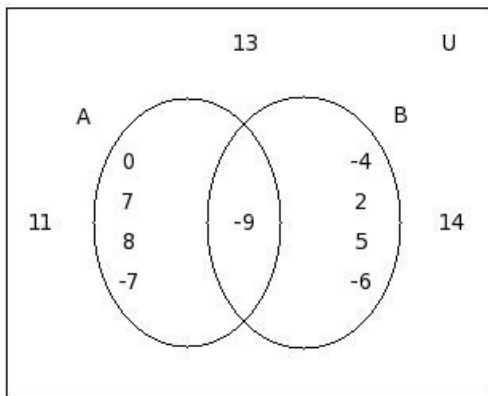
- (i)  $\{7,9,1,-9,-1,4\}$  (ii)  $\{7,15,-3,-1,1,4,0\}$  (iii)  $\{7,-1,1,-9,14\}$  (iv)  $\{15,1,-3,7,-1\}$  (v)  $\{9,-9,-1,7,1\}$

12. Find  $n(A \cap \emptyset)$



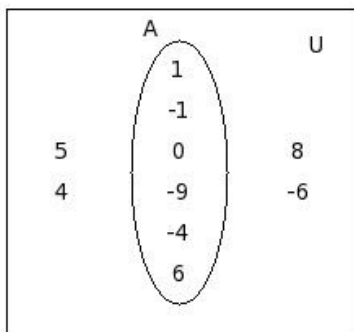
- (i) 1 (ii) 0 (iii) 2 (iv) (-2) (v) (-1)

13.  $A \cap B =$



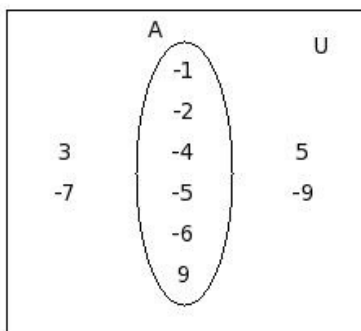
- (i)  $\{-7, -9\}$  (ii)  $\{-9\}$  (iii)  $\{2, -9, 5\}$  (iv)  $\{-9, 14\}$  (v)  $\{-9, 5\}$

14. Find A



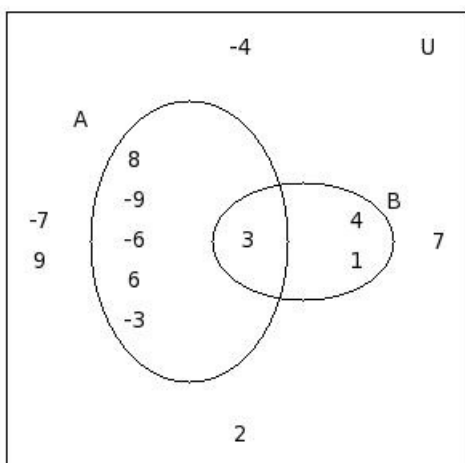
- (i)  $\{-9, 4, 7, 1, -2, -7, 2\}$  (ii)  $\{1, -4, -9, 6, -1, 0\}$  (iii)  $\{\}$  (iv)  $\{-4, 0, 6, -9, 1\}$  (v)  $\{-9, 1, -2, 7, -7\}$

15. Find  $n(A \cup A)$



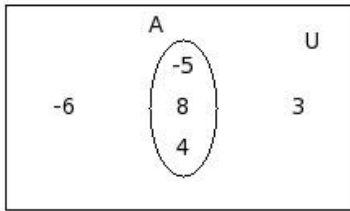
- (i) 3 (ii) 5 (iii) 7 (iv) 8 (v) 6

16. Find  $A \cap B$



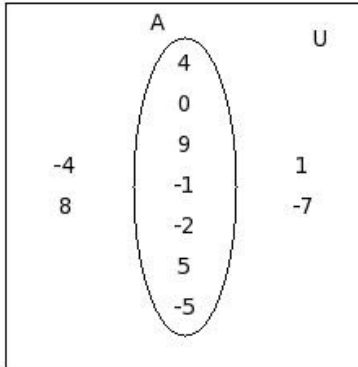
- (i)  $\{3\}$  (ii)  $\{3, -4\}$  (iii)  $\{-4\}$  (iv)  $\{\}$

17. Find  $n(A)$



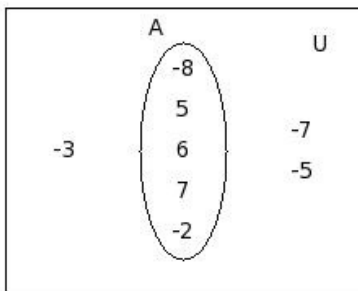
- (i) 6 (ii) 1 (iii) 3 (iv) 4 (v) 2

18. Find  $n(\emptyset)$



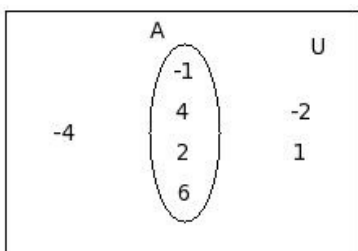
- (i) (-1) (ii) (-2) (iii) 1 (iv) 2 (v) 0

19. Find  $\emptyset$



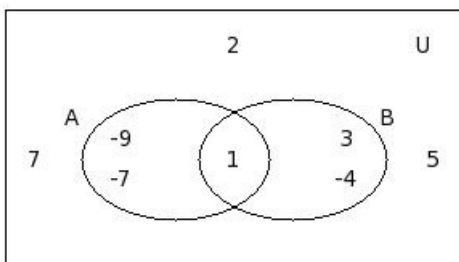
- (i)  $\{0,4,1,5\}$  (ii)  $\{\}$  (iii)  $\{1\}$  (iv)  $\{4,0\}$  (v)  $\{0\}$

20. Find  $A \cap A$



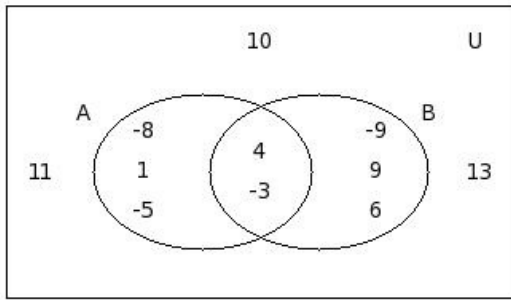
- (i)  $\{4,11,-1\}$  (ii)  $\{4,6,-1\}$  (iii)  $\{-1,4,10\}$  (iv)  $\{3,4,1,10,-1\}$  (v)  $\{2,4,-1,6\}$

21. Find  $n(A \cup B)$



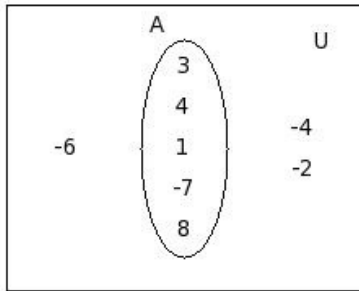
- (i) 3 (ii) 6 (iii) 5 (iv) 8 (v) 4

22.  $A \cup B =$



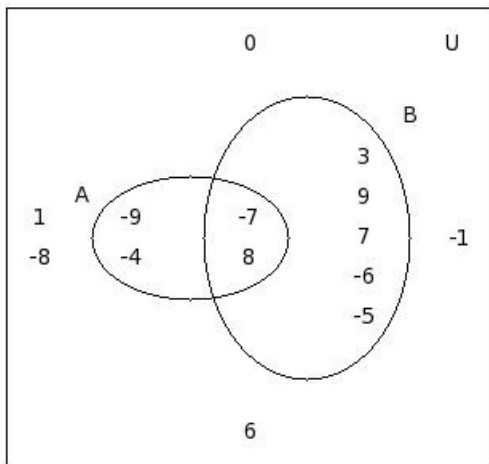
- (i)  $\{1, -8, 9, -9, -3, -5, 6\}$  (ii)  $\{-9, 9, -5, 4, 1, -3, 6\}$  (iii)  $\{-3, -9, 6, 9, -8, 10, 4, -5, 1\}$  (iv)  $\{-9, 11, 4, 6, -8, -3, -5, 1\}$   
 (v)  $\{6, 1, -8, 9, -3, 4, -9, -5\}$

23. Find  $A \cup \emptyset$



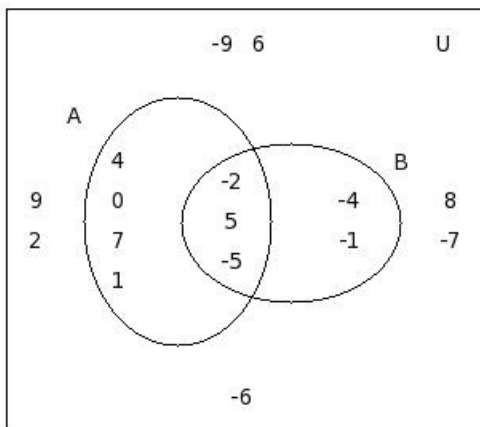
- (i)  $\{4, 3, 1, 8\}$  (ii)  $\{-4, 7, -1, 5\}$  (iii)  $\{5, 3, -1, 7, 4, -4\}$  (iv)  $\{8, 4, 3, -7, 1\}$  (v)  $\{7, 4, 1, 8\}$

24. Find  $n(A)$



- (i) 6 (ii) 3 (iii) 4 (iv) 5 (v) 2

25. Find  $A \cup B$



- (i)  $\{-1, -5, 1, -4, 0, -2, 7, 5\}$  (ii)  $\{1, -6, 4, -5, -1, -4, 0, 5, -2\}$  (iii)  $\{1, -2, 7, 5, 4, -5, -1, 0, -4\}$  (iv)  $\{-7, 0, 7, -4, 1, -2, -1, 5, 4, -5\}$   
 (v)  $\{7, -5, 1, -2, 0, 4, -4, -1\}$

## Assignment Key

1) (ii)	2) (iv)	3) (ii)	4) (iii)	5) (iv)	6) (ii)
7) (ii)	8) (i)	9) (i)	10) (ii)	11) (i)	12) (ii)
13) (ii)	14) (ii)	15) (v)	16) (i)	17) (iii)	18) (v)
19) (ii)	20) (v)	21) (iii)	22) (v)	23) (iv)	24) (iii)
25) (iii)					