

EduSahara™ Learning Center Assignment

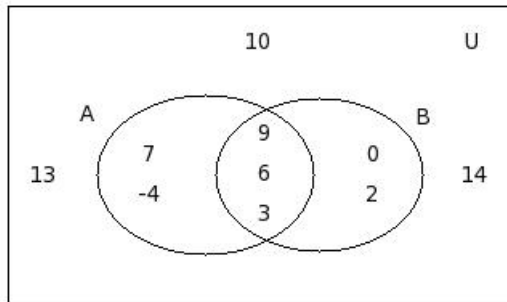
Grade : Class VI, ICSE

Chapter : Venn Diagrams

Name : Venn Diagrams

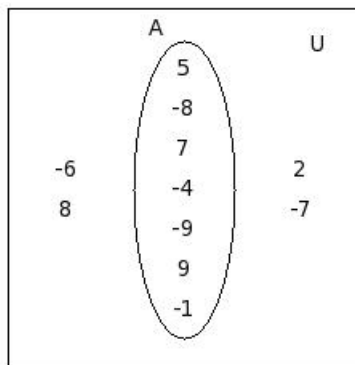
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1. $A \cup B =$



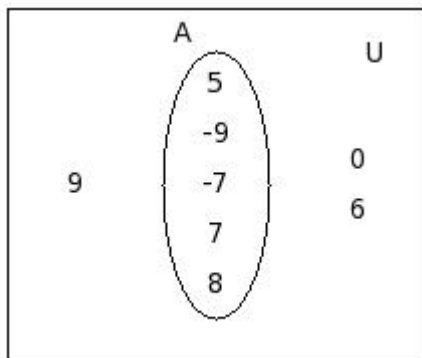
- (i) $\{0, -4, 13, 2, 9, 6, 7, 3\}$ (ii) $\{7, 6, 2, -4, 3, 0\}$
 (iii) $\{-4, 9, 3, 7, 0, 2, 6\}$ (iv) $\{0, 2, 7, 6, 3, 9\}$
 (v) $\{-4, 3, 7, 2, 0, 10, 6\}$

2. Find A



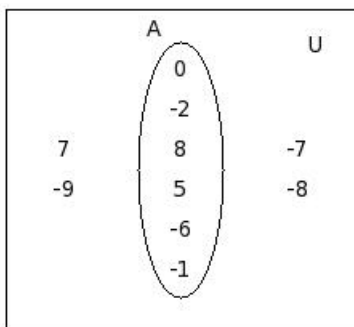
- (i) $\{5, -8, -9, -4, 9, -1, 7\}$ (ii) $\{9, -4, 8, 1, -9, -5\}$
 (iii) $\{-8, 7, 9, -4, -1, -9\}$ (iv) $\{7, 9, -9, -8, -4, 1\}$
 (v) $\{-5, -4, 8, 9, -9, 2, 1, -1\}$

3. Find $\emptyset$



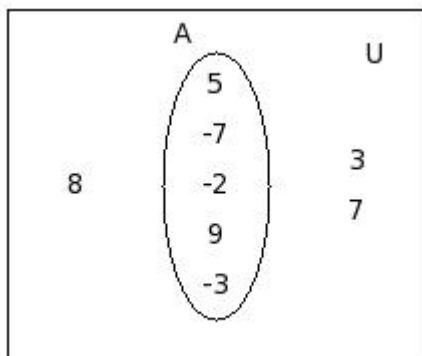
- (i) $\{\}$ (ii) $\{3, 7\}$ (iii) $\{2\}$ (iv) $\{-1, 3, 7, 2\}$ (v) $\{7\}$
-

4. Find $A \cup A$



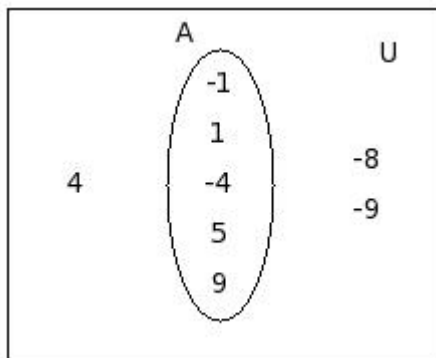
- (i) $\{0, -1, 8, 5, -6, -2\}$ (ii) $\{0, -1, -2, 5, -6\}$ (iii) $\{-4, 0, 2, -2, 4\}$
 (iv) $\{-4, 0, -2, 3, 4, -1, 2\}$ (v) $\{-4, 0, -2, 5, -1\}$
-

5. Find $A \cup \emptyset$



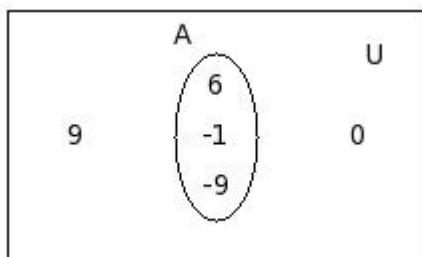
- (i) $\{9, -1, -3, 5, 4, -12\}$ (ii) $\{-7, -3, 9, 5\}$ (iii) $\{8, -3, -7, 9\}$
 (iv) $\{9, 4, -3, -12\}$ (v) $\{-3, 5, -7, 9, -2\}$
-

6. Find $A \cap A$



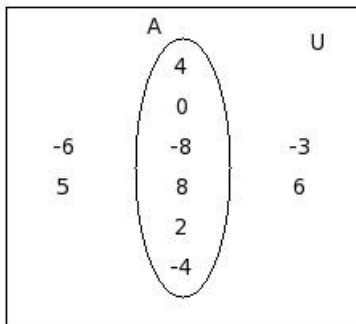
- (i) $\{2, 3, 10, -6, 4, 5\}$ (ii) $\{9, -1, 5, 1\}$ (iii) $\{3, 5, 10, -6\}$
 (iv) $\{5, 6, 9, -1\}$ (v) $\{-1, 5, 1, 9, -4\}$
-

7. Find $A \cap \emptyset$



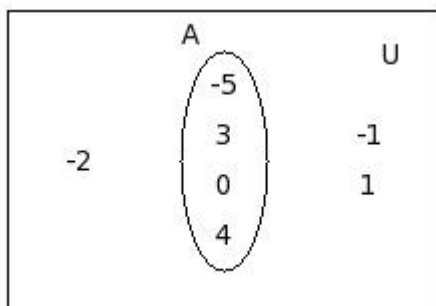
- (i) $\{6\}$ (ii) $\{\}$ (iii) $\{3, 0, 6, -1\}$ (iv) $\{0, 6\}$ (v) $\{4\}$
-

8. Find $n(A)$



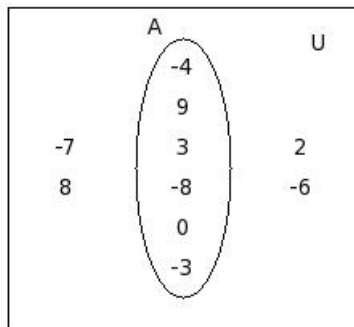
- (i) 8 (ii) 7 (iii) 3 (iv) 6 (v) 5
-

9. Find $n(\emptyset)$



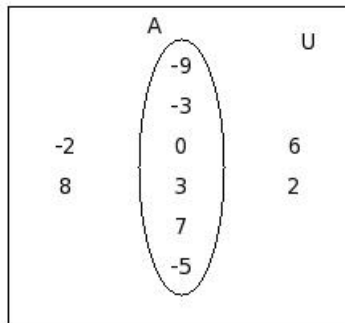
(i) (-3) (ii) (-1) (iii) 1 (iv) 0 (v) 2

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



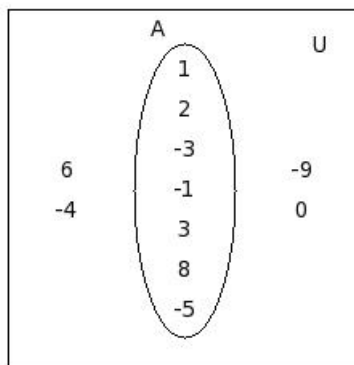
(i) 7 (ii) 8 (iii) 5 (iv) 6 (v) 4

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



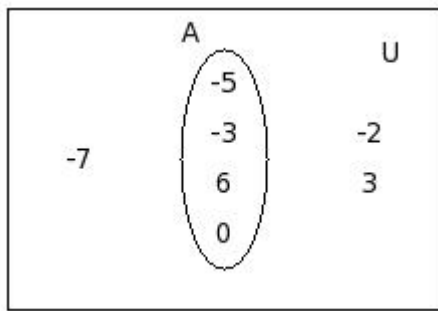
(i) 6 (ii) 4 (iii) 7 (iv) 9 (v) 5

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



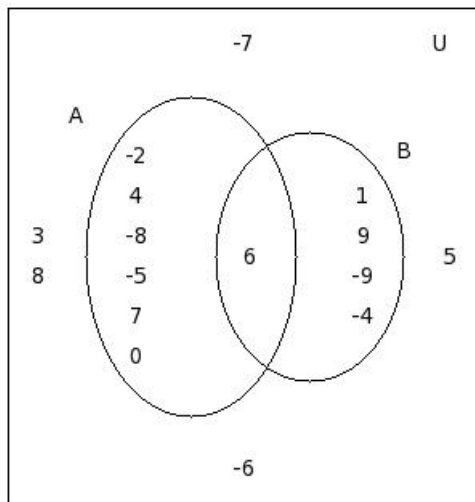
(i) 4 (ii) 8 (iii) 6 (iv) 7 (v) 10

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



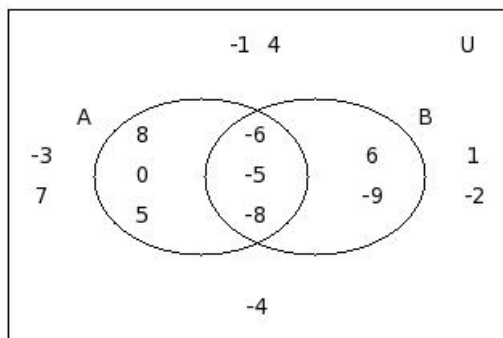
- (i) $\{-1\}$ (ii) $\{1\}$ (iii) $\{-2\}$ (iv) $\{0\}$ (v) $\{2\}$

14. Find A



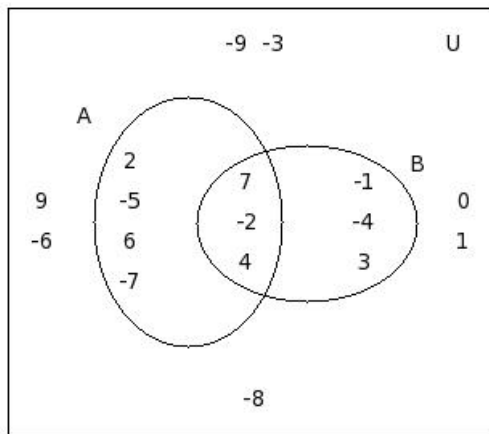
- (i) $\{7, 0, 6, -5, -8, 4\}$ (ii) $\{-2, -5, 0, -8, 4, 7, -6, 6\}$
 (iii) $\{-5, 6, -8, 4, 7, 0, -2\}$ (iv) $\{-7, -5, 6, 0, 4, -8, -2\}$
 (v) $\{\}$

15. Find B



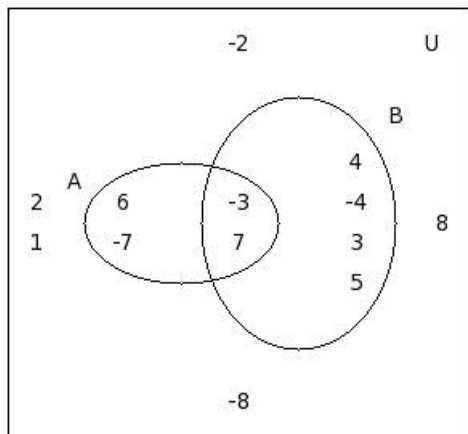
- (i) $\{-9, -8, 6, -5\}$ (ii) $\{6, -5, -6, -8\}$ (iii) $\{-1, -5, -6, -8, 6\}$
 (iv) $\{7, -8, 6, -5, -6, -9\}$ (v) $\{-9, -5, -8, 6, -6\}$

16. Find $A \cup B$



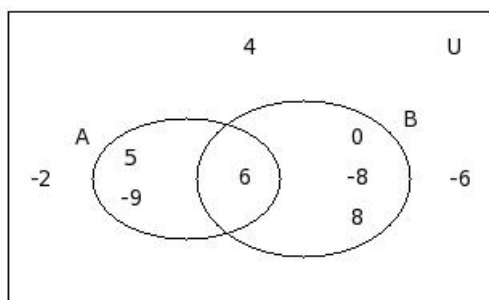
- (i) $\{4, -4, 2, 7, -2, 6, -1, -5, 3\}$ (ii) $\{-1, -5, 3, 7, 6, -7, -6, -4, 4, 2\}$
 (iii) $\{-2, -1, 3, 6, 4, -7, -5, -4, 2\}$ (iv) $\{-5, 6, -4, -1, 3, 2, -7, 7, -2, 4\}$
 (v) $\{3, 6, -4, -9, 4, 2, -7, -5, 7, -2, -1\}$

17. Find $A \cap B$



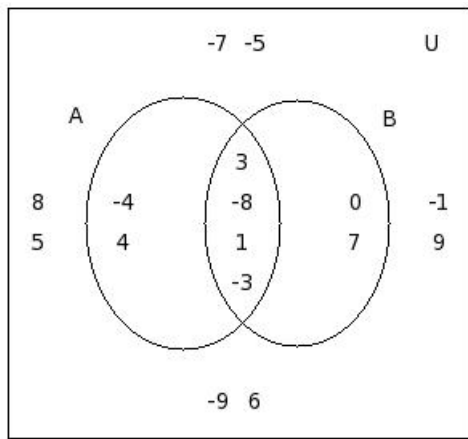
- (i) $\{7, -3\}$ (ii) $\{7, 2, -3\}$ (iii) $\{7\}$ (iv) $\{-3\}$ (v) $\{1, 7\}$

18. Find $n(A)$



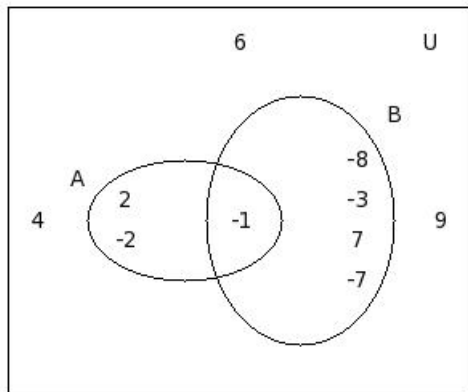
- (i) 3 (ii) 0 (iii) 2 (iv) 4 (v) 6

19. Find $n(B)$



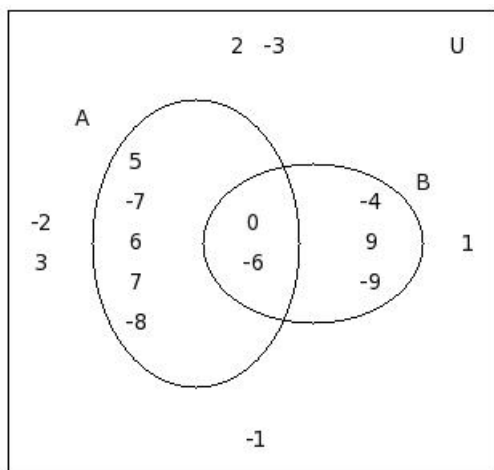
(i) 9 (ii) 5 (iii) 7 (iv) 4 (v) 6

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



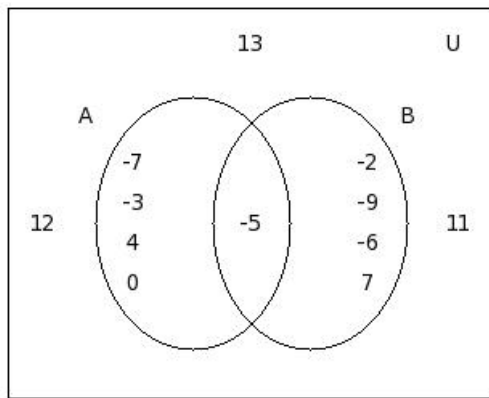
(i) 7 (ii) 4 (iii) 8 (iv) 9 (v) 6

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



(i) 0 (ii) 5 (iii) 2 (iv) 3 (v) 1

22. $A \cap B =$



- (i) {11,-5} (ii) {-5} (iii) {-5,0,-6} (iv) {-5,0} (v) {7,-5}
-

Assignment Key

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