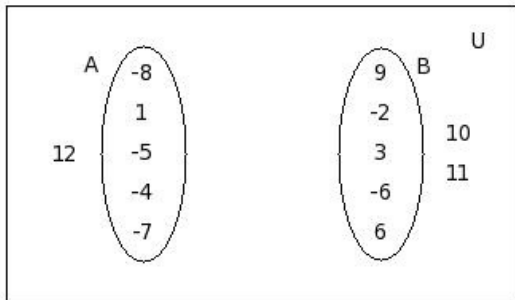


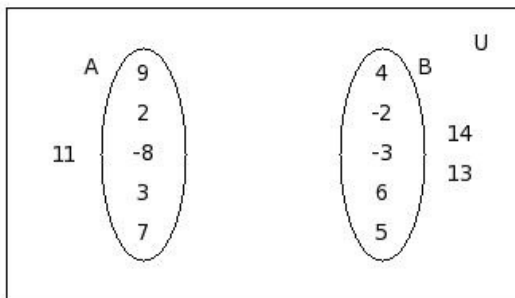


1. $A \cup B =$



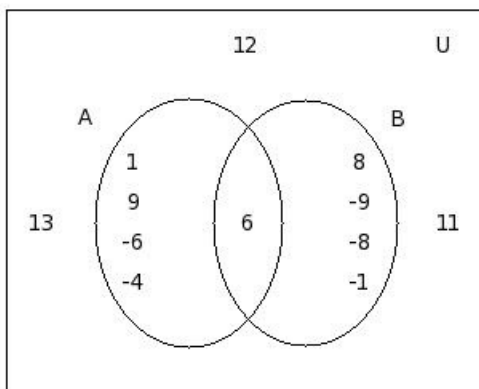
- (i) $\{11, 3, 1, -2, -4, -8, 9, -7, 6, -6\}$ (ii) $\{9, 6, 1, -5, -7, -4, 3, -6, 10, -8, -2\}$ (iii) $\{1, -5, 9, 3, -7, -2, -4, -8, 6\}$
 (iv) $\{9, -4, 1, -6, -8, -7, 3, 6, -2, -5\}$ (v) $\{6, -5, -2, -8, 3, 1, -4, -6, 9\}$

2. $A \cap B =$



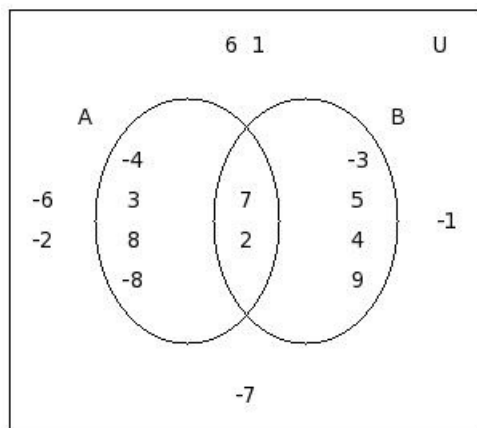
- (i) $\{2\}$ (ii) $\{9, 7\}$ (iii) $\{\}$ (iv) $\{11\}$ (v) $\{6\}$

3. $A - B =$



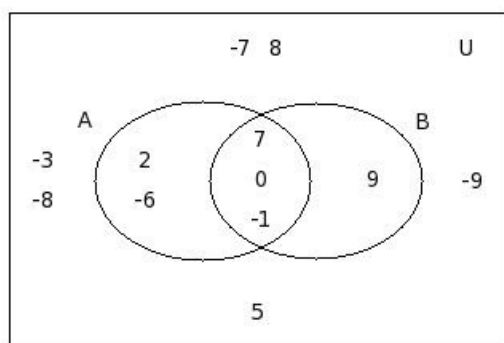
- (i) $\{-6, -4, 9\}$ (ii) $\{-6, 1, -4, 9, 13\}$ (iii) $\{-1, 8, -9, -8\}$ (iv) $\{9, -6, 1, -4\}$ (v) $\{-6, 1, -4, 9, 6\}$

4. Find $A \cup B$



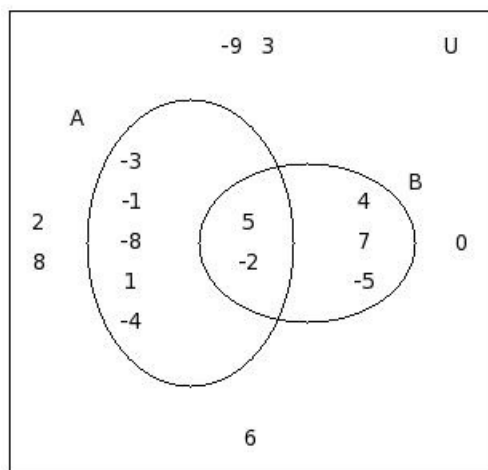
- (i) $\{2, 9, -4, 5, -3, 3, 4, -8, 8\}$ (ii) $\{2, 7, -3, 5, 8, -4, -8, 4, 3\}$ (iii) $\{8, -8, 4, 2, 5, 7, -3, 9, 3, -4\}$ (iv) $\{-4, 7, 8, 3, 4, 2, -8, -3, 5, 9, -6\}$
 (v) $\{-4, 5, 8, 9, -8, 6, 3, 2, 7, -3\}$

5. Find $A \cap B$



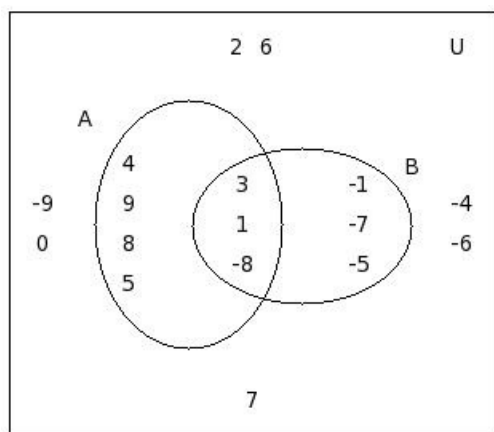
- (i) $\{0, -1, 7\}$ (ii) $\{0, 7\}$ (iii) $\{-1, 7\}$ (iv) $\{-1, 0, 7, -9\}$ (v) $\{0, -7, -1\}$

6. Find $A - B$



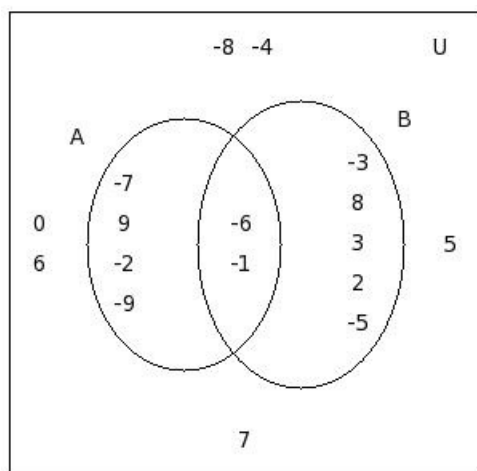
- (i) $\{\}$ (ii) $\{-1, -8, 1, -4, -3, 8\}$ (iii) $\{1, -3, -4, -1\}$ (iv) $\{-8, 1, -1, -4, -3\}$ (v) $\{-3, 1, -1, -8, 6\}$

7. Find $B - A$



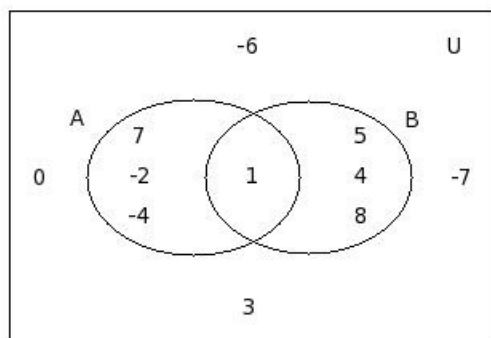
- (i) $\{-5, -7\}$ (ii) $\{0, -5, -7\}$ (iii) $\{\}$ (iv) $\{-7, -5, -1, 6\}$ (v) $\{-7, -5, -1\}$

8. Find $(A - B) \cup (B - A)$



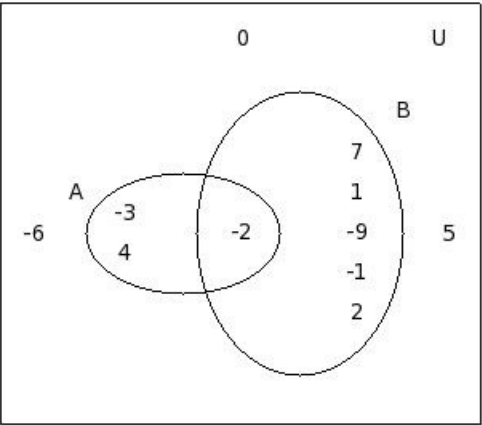
- (i) $\{-2, 2, -3, -7, 8, 9, -9, 6, -5\}$ (ii) $\{-2, 3, -5, 8, -4, -9, -7, -3, 9, 2\}$ (iii) $\{-5, 3, 8, 2, -9, 9, -2, -7, -3\}$ (iv) $\{-9, 3, 9, 8, -3, 2, -2, -5\}$
 (v) $\{-7, -5, -9, 9, -2, -3, 8, 3\}$

9. Find $(A \cup B) - (A \cap B)$



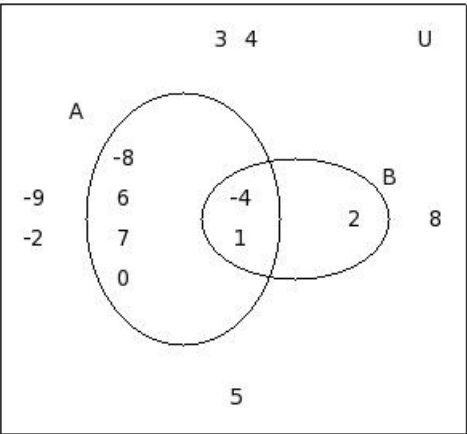
- (i) $\{-7, 4, 5, -2, 8, -4\}$ (ii) $\{5, 8, -4, 7, -2\}$ (iii) $\{8, 5, 4, -4, -2, 7\}$ (iv) $\{-2, 8, 5, 7, 4, -6, -4\}$ (v) $\{7, 4, 5, 8, -4\}$

10. Find A'



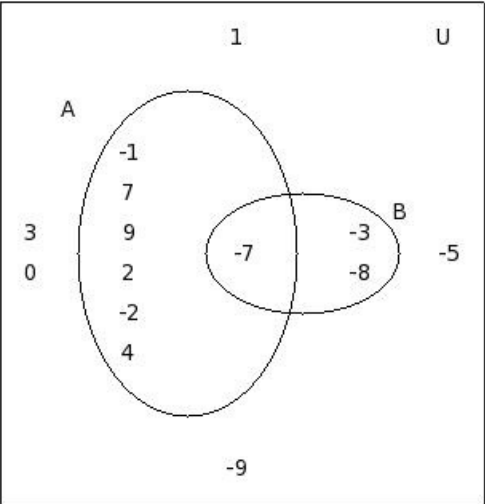
- (i) $\{-6, 7, 1, 0, -9, 5, 2\}$ (ii) $\{2, 1, -1, -6, 5, 7, 0\}$ (iii) $\{7, 5, 2, -1, -9, 1, 0, -6\}$ (iv) $\{\}$

11. Find B'



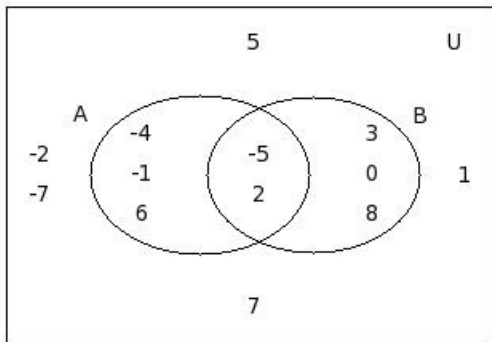
- (i) $\{-8, 0, 8, 6, -2, 5, -9, 3, 4\}$ (ii) $\{\}$ (iii) $\{-2, 6, 3, 0, 8, -9, -8, 5, 7, 4\}$ (iv) $\{0, -9, 8, 7, 3, -8, 5, 6, 4\}$

12. Find $(A \cup B)'$



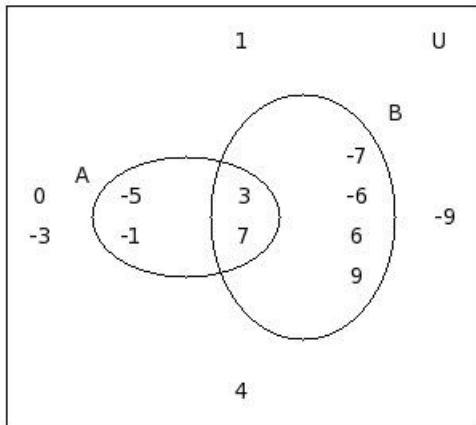
- (i) $\{3, 1, -5, 0, -9\}$ (ii) $\{\}$

13. Find $(A \cap B)'$



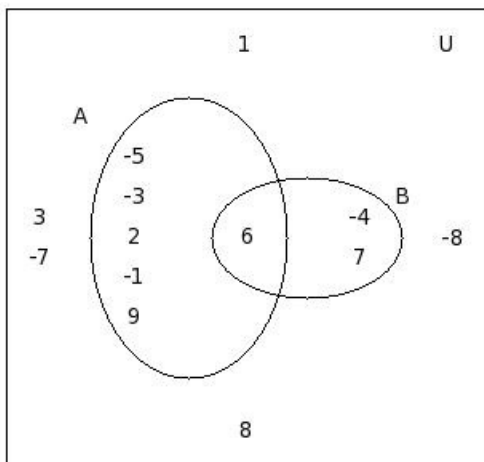
- (i) $\{-7, 1, 0, 7, -4, -1, 8, 3, 5, 6, -2\}$ (ii) $\{\}$ (iii) $\{3, 7, 8, -2, 5, -4, -7, 6, 1, -1\}$ (iv) $\{-7, -4, 0, -1, 3, 8, 5, -2, 7, 1\}$

14. Find $(A - B)'$



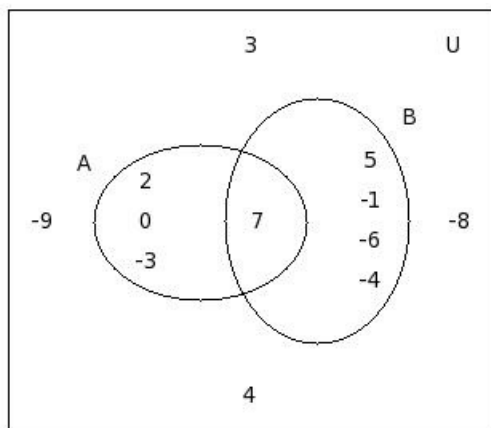
- (i) $\{4, 0, 7, -9, -6, 6, 9, 3, 1, -3\}$ (ii) $\{3, -9, 1, 7, 0, -7, 6, 4, 9, -6, -3\}$ (iii) $\{4, -9, 6, 0, -7, -3, 3, 1, -6, 9\}$
 (iv) $\{7, 1, 9, -7, 0, -6, 6, 3, 4, -3\}$ (v) $\{\}$

15. Find $(B - A)'$



- (i) $\{6, -1, -5, 8, -7, -3, 3, 1, 9, -8, 2\}$ (ii) $\{-7, 2, 8, -1, -5, 1, -8, -3, 6, 3\}$ (iii) $\{\}$ (iv) $\{-5, 6, -3, -1, 8, -8, 3, 2, 1, 9\}$

16. Find $((A - B) \cup (B - A))'$



- (i) $\{7, -8, -9, 4, 3\}$ (ii) $\{\}$ (iii) $\{-8, 4, 3, -9\}$

Assignment Key

1) (iv)	2) (iii)	3) (iv)	4) (iii)	5) (i)	6) (iv)
7) (v)	8) (iii)	9) (iii)	10) (iii)	11) (iii)	12) (i)
13) (i)	14) (ii)	15) (i)	16) (i)		

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