

$$A = \{6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24\}$$

$$B = \{1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29\}$$

$$C = \{0, 3, 6, 9, 11, 15, 18, 20\}$$

$$D = \{2, 3, 5, 7, 11, 13, 17, 19, 23, 29, 31, 37\}$$

$$\bullet (A \oplus B) \cap C:$$

$$- (A \oplus B): \{7, 9, 11, 13, 15, 17, 19, 21, 23\}$$

$$- (A \oplus B) \cap C: \{9, 11, 15\}$$

$$\bullet (A - C) \cup B:$$

$$- (A - C): \{7, 8, 10, 12, 14, 16, 17, 19, 21, 22, 23, 24\}$$

$$- (A - C) \cup B: \{1, 3, 5, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 23, 24, 25, 27, 29\}$$

$$\bullet A \oplus (C \cup D):$$

$$- (C \cup D): \{0, 2, 3, 5, 6, 7, 9, 11, 13, 15, 17, 18, 19, 20, 23, 29, 31, 37\}$$

$$- A \oplus (C \cup D): \{0, 2, 3, 5, 8, 10, 12, 14, 16, 21, 22, 24, 29, 31, 37\}$$

$$\bullet (C - A) \oplus (B \cap D)$$

$$- (C - A): \{0, 3\}$$

$$- (B \cap D): \{3, 5, 7, 11, 13, 17, 19, 23, 29\}$$

$$- (C - A) \oplus (B \cap D): \{0, 5, 7, 11, 13, 17, 19, 23, 29\}$$