$$A = \{1, 2, 3, 4, 5\}$$

$$B = \{2, 4, 6, 8\}$$

$$C = \{4, 3, 2, 1\}$$

$$A \setminus (B \lor C) = (A \setminus B) \cap (A \setminus C)$$

$$B \lor C = \{1, 2, 3, 4, 6, 7, 8\}$$

$$A \setminus (B \lor C) = \{5\}$$

$$(A \setminus B) = \{1, 3, 5\}$$

$$(A \setminus B) \cap (A \setminus C) = \{5\}$$

$$(A \setminus B) \cap (A \setminus C) = \{5\}$$

$$(A \setminus B) \cap (A \setminus C) = \{5\}$$

$$(A \setminus B) \cap (A \setminus C) = \{5\}$$

$$(A \setminus B) \cap (A \setminus C) = \{5\}$$

$$(A \setminus B) \cap (A \setminus C) = \{1, 3, 4, 5\}$$

$$\{1, 3, 4, 5\} = \{1, 3, 4, 5\}$$

$$\{1, 3, 4, 5\} = \{1, 3, 4, 5\}$$

$$\{1, 4, 4\} = \{1, 4, 4\}$$

$$\{1, 4, 4\} = \{1, 3, 5\}$$

$$(A \setminus B) = \{1, 3, 5\}$$

$$\frac{\{4,6,8\}}{\{4,6,8\}} = \frac{\{2,4\}}{\{4,6,8\}}$$

$$\frac{\{4,6,8\}}{\{4,6,8\}} = \frac{\{2,4\}}{\{2,4\}}$$

$$\frac{\{4,6,8\}}{\{4,6,6\}} = \frac{\{4,6,6\}}{\{4,6,8\}}$$

$$\frac{\{4,6,8\}}{\{4,6,8\}} = \frac{\{4,6,8\}}{\{4,6,8\}}$$

$$\frac{\{4,6,8\}}{\{5,6\}} = \frac{\{4,C\}}{\{4,6,8\}}$$

$$\frac{\{4,6,8\}}{\{5,6\}} = \frac{\{4,C\}}{\{6,6,8\}}$$

$$\frac{56.83}{9) A0B = A0(BA)}$$

$$\frac{1}{2},23,45,683 = \frac{1}{2},23,45,683$$

10)
$$(A \cap B) \cup (A \cap B) = A$$

 $\{1,3,5\}$
 $\{1,3,5\}$
 $\{1,3,5\}$
 $\{1,3,5\}$
 $\{1,3,5\}$
 $\{1,3,5\}$
 $\{1,3,5\}$
 $\{1,3,5\}$

$$(ADB) \cap (ADB) = A$$
 $51234,63 = 51234,53$