

$$A = \{10, 20, 30, 40, 50\}$$

$$B = \{20, 40, 60, 80, 100\}$$

$$C = \{10, 30, 50, 70, 90\}$$

$$A \cap B = \{20, 40\}$$

$$A \cap C = \{10, 30, 50\}$$

$$B \cap C = \{\}$$

$$A \cup B = \{10, 20, 30, 40, 50, 60, 80, 100\}$$

$$A \cup C = \{10, 20, 30, 40, 50, 70, 90\}$$

$$B \cup C = \{10, 20, 30, 40, 50, 60, 70, 80, 90, 100\}$$

$$A \setminus B = \{10, 30, 50\}$$

$$A \setminus C = \{20, 40\}$$

$$B \setminus C = \{20, 40, 60, 80, 100\}$$

$$A \Delta B = \{10, 30, 50, 60, 80, 100\}$$

$$A \Delta C = \{20, 40, 70, 90\}$$

$$B \Delta C = \{10, 20, 30, 40, 50, 60, 70, 80, 90, 100\}$$