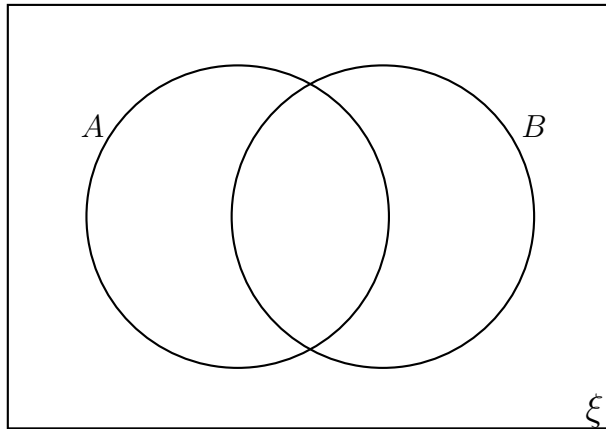


1. Use the information beside the diagram to complete the Venn diagram below.



$$\xi = \{1, 2, 3, 4, 5, 6, 7, 8, 9, 10\}$$

$$A = \{1, 3, 5, 7, 9\}$$

$$A \cap B = \{1, 9\}$$

$$A \cup B = \{1, 3, 4, 5, 7, 9\}$$

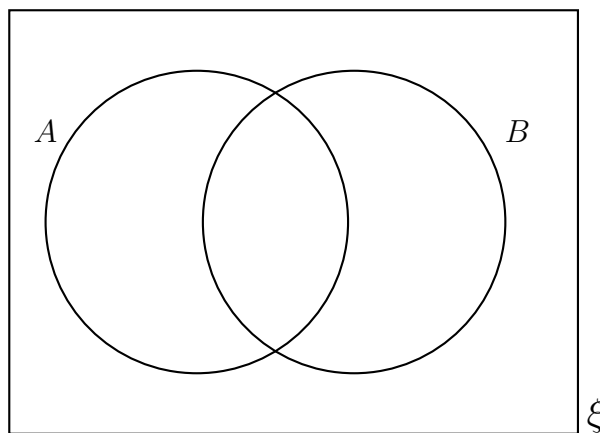
2. Complete this Venn diagram with the information given below.

$$\xi = \{\blacktriangle, \triangle, \blacklozenge, \blacksquare, \circ, \heartsuit, \clubsuit, \spadesuit, \diamond\}$$

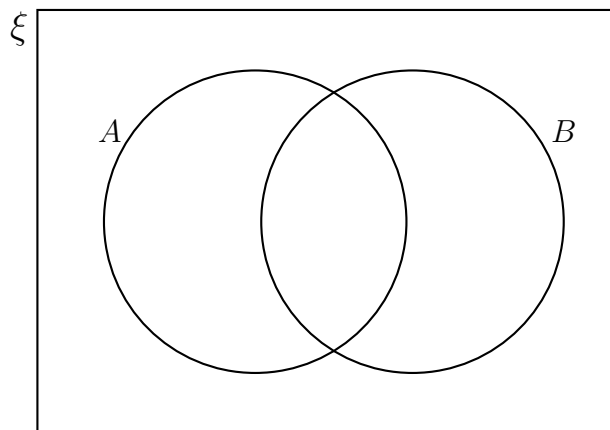
$$A \cap B = \{\blacktriangle, \blacklozenge, \blacksquare\}$$

$$A \cup B = \{\blacktriangle, \triangle, \blacklozenge, \blacksquare, \clubsuit, \spadesuit, \diamond\}$$

$$B = \{\blacktriangle, \triangle, \diamond, \blacklozenge, \blacksquare\}$$



3. Use the information beside the diagram to complete the Venn diagram below.



$$\xi = \{1, 2, 3, 4, 5, 6, 7, 8, 9, 10\}$$

$$A \cap B = \{1, 2\}$$

$$A \cup B = \{1, 2, 3, 4, 6, 8\}$$

$$B = \{1, 2, 4, 8\}$$

answers

