

De Morgan's Laws

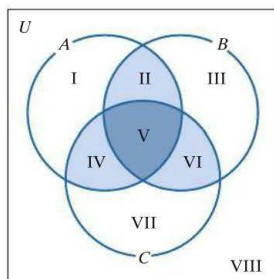
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Example 5: Use the Venn diagram below to solve this exercise:



- Which regions represent $A \cap (B \cup C)$?
- Which regions represent $(A \cap B) \cup (A \cap C)$?
- Based on parts (a) and (b), what can you conclude?