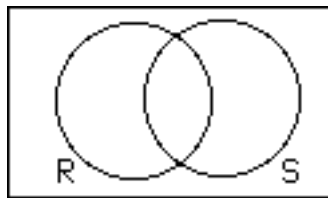
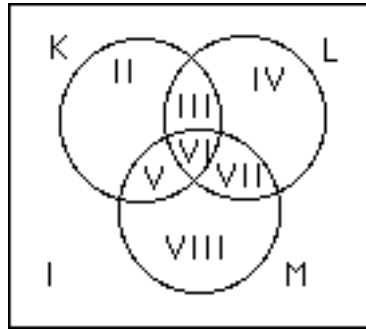


1. A survey of 50 people found that 35 people liked bananas, 15 people liked both apples and bananas and 5 people liked neither. Construct a Venn Diagram representing this situation and indicate the number of people in each basic region. How many people like apples but not bananas? (5 pts)

2. Shade the Venn Diagram so it represents the set $R' \cap S$. (2 pts).



3. Let $U = \{\text{all people}\}$
 $K = \{\text{people who like kiwi}\}$
 $L = \{\text{people who like limes}\}$
 $M = \{\text{people who like mangos}\}$



Specify the basic regions corresponding to the following sets.
(1 pt each)

- a. $\{\text{people who like limes}\}$
- b. $\{\text{people who like kiwi and mangos}\}$
- c. $\{\text{people who like kiwi and limes but not mangos}\}$

