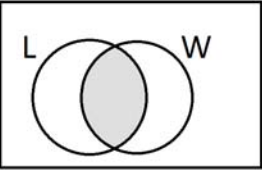
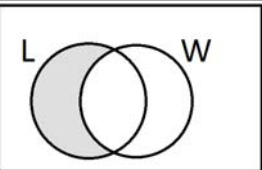
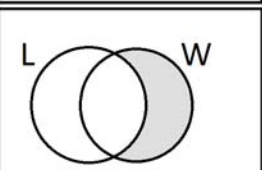

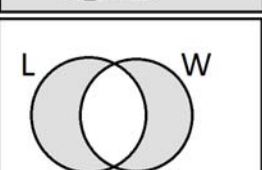
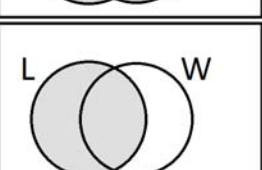
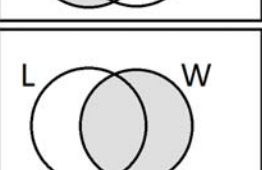
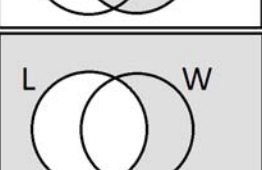
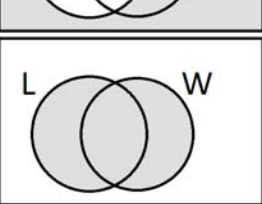


**Math 246 Matching set diagrams and descriptions:**

For each set, tell its matching sentence or sentences. The universe is food (including drink), and the two sets are L=liquids and W=things that are (mostly) white.

|    | Venn diagram  | Descriptions  |
|----|---|---|
| 1. |    | <p>For each set diagram, write down the letter or Roman numeral of the set descriptions that match it.</p> <p>Note:</p> <ul style="list-style-type: none"> <li>• There may be more than one letter (noun phrase) that matches any given set diagram</li> <li>• There may be some letters and/or Roman numerals that do not match any diagram.</li> <li>• There may be diagrams that do not have any associated Roman numerals (I haven't provided a complete set)</li> </ul>  |
| 2. |    | <p>a. Foods that are neither liquid nor white</p> <p>b. Edible liquids</p> <p>c. White foods</p> <p>d. Food that is not white</p> <p>e. Food that is not liquid</p> <p>f. Food that is white and liquid</p> <p>g. Food that is white or liquid</p> <p>h. Food that is both white and liquid</p> <p>i. Food that is either white or liquid or both</p> <p>j. Food that is white or liquid, but not both</p> <p>k. Foods that are white and foods that are liquid</p> <p>l. Food that is white, but not liquid</p> <p>m. Food that is liquid, but not white</p> |
| 3. |    |   |
| 4. |    |   |
| 5. |   |   |
| 6. |  |   |
| 7. |  | <p>i. L</p> <p>ii. W</p> <p>iii. <math>L \cup W</math></p> <p>iv. <math>L \cap W</math></p> <p>v. <math>\overline{L}</math></p> <p>vi. <math>\overline{W}</math></p>  |
| 8. |  |   |
| 9. |  |   |