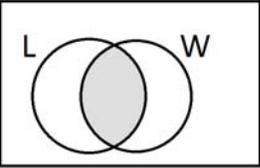
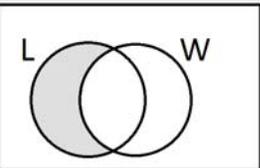
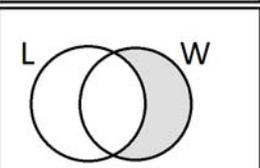
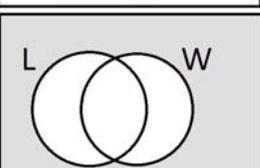
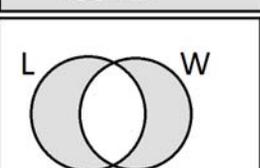
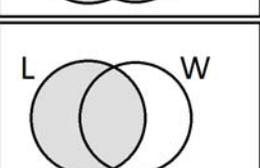
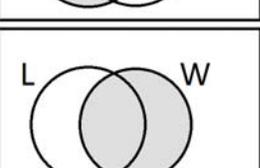
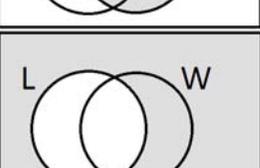
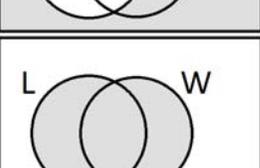


Math 246 Matching set diagrams and descriptions:

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.	 <u>f, h, iv</u>	<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"> • There may be more than one letter (noun phrase) that matches any given set diagram • There may be some letters and/or Roman numerals that do not match any diagram. • There may be diagrams that do not have any associated Roman numerals (I haven't provided a complete set) <p>a. Foods that are neither liquid nor white b. Edible liquids c. White foods d. Food that is not white <i>not shown</i> e. Food that is not liquid f. Food that is white and liquid g. Food that is white or liquid h. Food that is both white and liquid i. Food that is either white or liquid or both j. Food that is white or liquid, but not both k. Foods that are white and foods that are liquid l. Food that is white, but not liquid m. Food that is liquid, but not white</p> <p>i. L ii. W iii. $L \cup W$ iv. $L \cap W$ v. \overline{L} vi. \overline{W} <i>not shown</i></p>
2.	 <u>m,</u>	
3.	 <u>l,</u>	
4.	 <u>a,</u>	
5.	 <u>j</u>	
6.	 <u>b; i</u>	
7.	 <u>c; ii</u>	
8.	 <u>e, v</u>	
9.	 <u>g, i, k, iii</u>	