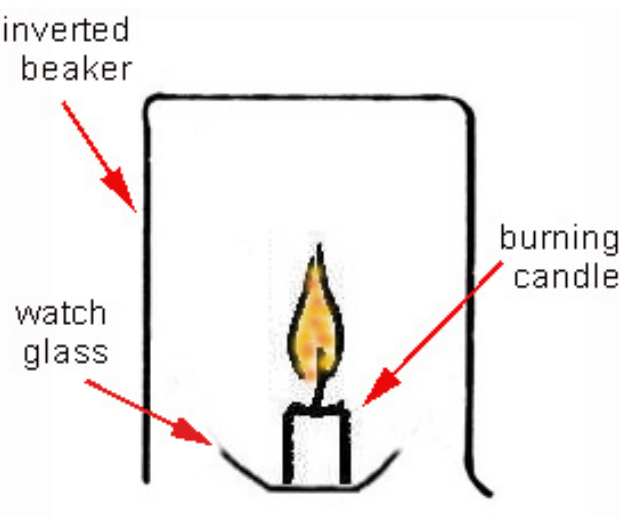
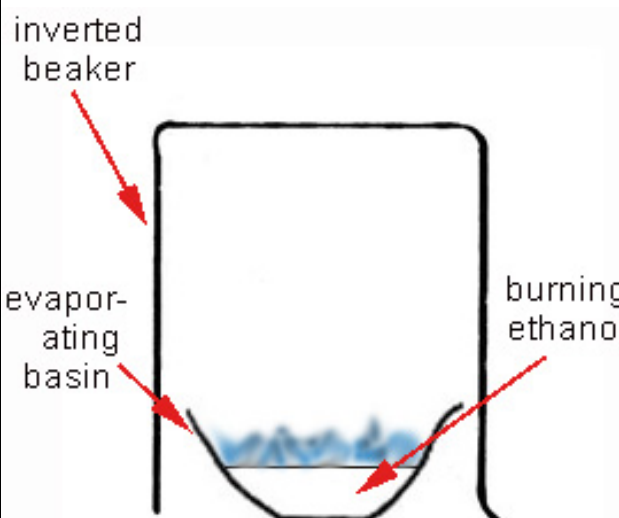


Name:	Class:
Teacher:	Date:

Comparing the combustion of a candle with that of ethanol

Combustion of a candle	Combustion of ethanol
 <p>The diagram shows a candle with a flame inside an inverted beaker. A watch glass is placed under the beaker to catch any drips. Red arrows point to the 'inverted beaker', 'watch glass', and 'burning candle'.</p>	 <p>The diagram shows a small evaporating basin containing burning ethanol inside an inverted beaker. Red arrows point to the 'inverted beaker', 'evaporating basin', and 'burning ethanol'.</p>
<ol style="list-style-type: none"> 1. Light the wick of the candle. 2. Observe the colour of the flame. 3. Place a beaker over the candle and record your observations. 4. Leave the beaker to cool, then add 5 cm³ of lime water and shake. 	<ol style="list-style-type: none"> 1. Pour 2cm³ of ethanol into the evaporating basin and ignite carefully with a match. 2. Observe the colour of the flame. 3. Place a beaker over the candle and record your observations. 4. Leave the beaker to cool, then add 5mL of lime water and shake.
Observations	Observations
Colour of flame:	Colour of flame:
What did you see on the surface of the beaker?	What did you see on the surface of the beaker?
<ol style="list-style-type: none"> 1. 2. 	<ol style="list-style-type: none"> 1. 2.

Name:	Class:
Teacher:	Date:

Observations What happened to the limewater? Explain.	Observations What happened to the limewater? Explain.
Questions 1. Name the products of combustion.	Questions 1. Name the products of combustion.
2. What type of combustion is the combustion of a candle?	2. What type of combustion is the combustion of ethanol.
3. Write a word and balanced symbol equation for the reaction.	3. Write a word and balanced symbol equation for the reaction.