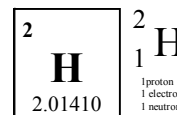


CHEMISTRY HOMEWORK SHEET

NAME _____



Write a general chemical equation for the **complete** combustion of a fuel:

What phase does a fuel have to be in to combust?

Write the reactant required for a hydrocarbon to combust

Write a general chemical equation for the **incomplete** combustion of a fuel:

Write the name and chemical formula for the Bunsen burner fuel used in the classroom

List at least three other types of fuels

In the Firestarters lab, you were not allowed to use the words “burn” or “burning” in your observations. Explain why.

Describe in detail the essential difference between a safety match and a Strike Anywhere match.

<i>fill in the table</i>	FUEL RICH FLAME	FUEL LEAN FLAME
color		
speed		
sound		
more fuel/more O ₂		