

POST LAB

QUESTIONS AND CONCLUSION – Bunsen Burner and Glass rods

Please use a separate sheet of paper and use complete sentences.

1. Explain the characteristics of the most efficient flame for lab experiments.
2. What is the purpose of the needle valve at the base of the burner? What is the purpose of the barrel?
3. How does the flame change when each of these burner parts are independently adjusted?
4. Where is the hottest part of the blue flame? (use an illustration if needed)

5. What does a cool flame indicate? What does a noisy flame suggest?
6. When did you know that the glass tubing was ready to bend?
7. What was the most difficult part of the glass cutting and bending portion of the lab

