

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Class/Hour: \_\_\_\_\_

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## DISCUSSION

1. Calculate the energy from combustion using  $q = mC_p\Delta T$ .
2. Calculate the amount of ash from your sample.
3. Calculate the effect of moisture on usable energy content.
4. Did your measurements come close to literature values?
5. How could your measurements be made more accurate?
6. Describe methods to create improved fuels for combustion.

## COMBUSTION