



Name: ..... Form: .....

See pages 22 and 23 of *Gases around us*

## Energy from gases

When fuels are heated they give off a gas. The gas mixes with oxygen in the air and catches fire. This is burning.

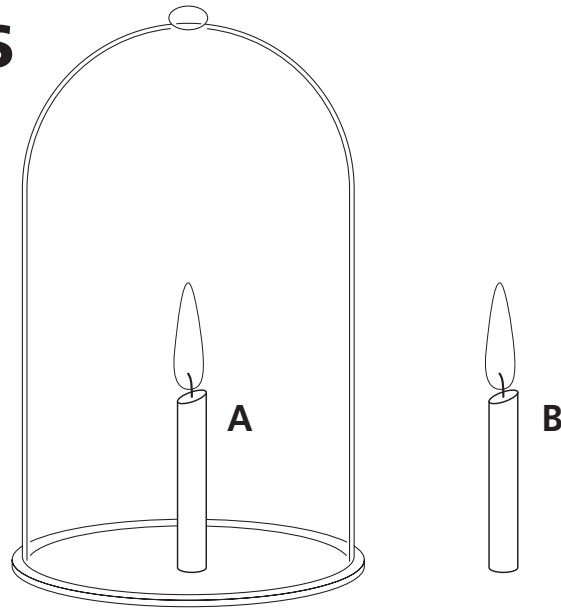
**Q1.** What will happen to candle A after a few minutes? Explain your answer.

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**Q2.** How will candle B have changed in a few minutes?

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**Q3.** What does the candle flame give out?  .....

**Q4.** How is a candle flame different from the flame on a gas cooker?

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**Q5.** Why are the two flames different?

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**Q6.** (i) What gas is used as a fuel on spacecraft?  .....

(ii) Why do spacecraft carry oxygen?

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