**Fossil Fuels**

**REMEMBER**

1. From where does the energy stored in fossil fuels come?
2. What happens to the energy stored in fossil fuels when they are burned?
3. Apart from its colour, how is black coal different from brown coal?
4. Why is peat generally not used as a fuel in most countries of the world?
5. How does oil and natural gas get trapped underground?
6. Where are Australia's biggest oil and natural gas reserves?

**THINK**

1. When we burn fossil fuels — coal, oil and natural gas — the stored energy is converted to other forms of energy, including heat, movement and light. What else is produced?
2. Black coal is sometimes mined underground but brown coal is not, even though there are reserves that could be mined in that way. Suggest why that is the case.
3. Suggest why brown coal is used to generate electricity in Victoria rather than black coal, even though brown coal contains more moisture.
4. Explain why it is correct to describe fossil fuels as ‘stored solar energy’.
5. Apart from the threat of the supply running out, describe two other major disadvantages of the use of fossil fuels.