**The Riches Below**

**REMEMBER**

1. Why are minerals in the Earth's crust classified as non-renewable resources?
2. Which minerals can be detected because of their magnetic properties?
3. What is a mineral ore?
4. Explain why underground mining is more dangerous than open-cut mining.
5. Construct a two-column table.
6. In the first column, list the three stages involved in extracting a metal from its mineral ore.
7. In the second column, describe the purpose of each stage.

**THINK**

1. Why is exploration for mining sites for extracting mineral resources like ‘finding a needle in a haystack’?
2. List the advantages and disadvantages of open-cut mining.
3. Suggest how open-cut mining got its name.
4. Suggest why the temperature in underground mining tunnels would be greater than the temperature on the ground surface.