

The Uses of Minerals (pg. 134 - 135)

Complete the following paragraphs with the correct terms from your book.

Minerals are the source of (1) _____, (2) _____, and other materials used to make many products. A gemstone is a hard, colorful (3) _____, that has a brilliant or glassy (4) _____. A cut and polished gemstone is called a (5) _____.

Some minerals are the sources of metals, such as (6) _____, (7) _____, and (8) _____. Metals are useful because they can be stretched into (9) _____, flattened into (10) _____, and hammered or molded without breaking.

Besides gemstones and metals, there are many other useful minerals. For example, (11) _____ is used to make wallboard, cement, and stucco. Other minerals are used in foods, medicines, and even fertilizers.

Ores (pg. 135)

12. What is an ore? _____

13. Name a common ore. _____

14. Which mineral group do you think an ore belongs in? _____

Mining (pg. 136 - 137)

Match the type of mine to its description.

15. ____ Open Pit

16. ____ Shaft Mine

17. ____ Strip Mine

A. A mine where the Earth is scrapped away to reveal ore.

B. A mine similar to a strip mine, but it extends deep underground.

C. A mine that has a network of tunnels in the Earth.

Smelting (pg. 138)

18. What is smelting? _____

19. What is an alloy? _____