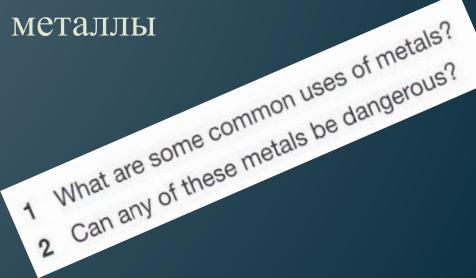


Write down new words:

- ferrous metals чёрные металлы
- iron железо
- stainless steel нержавеющая сталь
- base metal цветные металлы
- lead свинец
- copper медь
- silver серебро
- gold золото
- platinum платина
- radioactive metals радиоактивные металл
- uranium уран



CHAPTER 3

The Miner's Handbook Types of Metals

Mining for metals is a major part of the mining industry. There are four types of metals. Ferrous metals are one type. These metals contain iron. For example, stainless steel is a ferrous metal. Base metals are a second type of metal. Lead and copper are base metals. Unlike base metals, precious metals are not very common. Precious metals are typically very valuable. Silver, gold and platinum are precious metals. The final type of metal is radioactive metals. Radioactive metals can be dangerous. For this reason, miners should handle radioactive metals like uranium carefully.

Reading

- 2 Read the textbook excerpt. Then, choose the correct answers.
 - 1 What is true about stainless steel?
 - A It contains iron.
 - B It is a type of iron.
 - C It is often radioactive.
 - **D** It is very valuable.
- 2 Which of the following is NOT a precious metal?
 - A silver

- C gold
- **B** uranium
- **D** platinum
- 3 Which is the most common type of metal?
 - A ferrous metals
- C precious metals
- B base metals
- **D** radioactive metals

Vocabulary

Match the words or phrases (1-8) with the definitions (A-H).

1 __ ferrous metal 5 __ gold

2 __ base metal 6 __ copper

3 __ radioactive metal 7 __ lead

4 __ silver 8 __ uranium

A a precious metal that is often yellow

B a base metal that is red

C a type of radioactive metal

D the most common type of metal

E a toxic base metal that is white

F a type of metal that contains iron

G a type of metal that is radioactive

H a precious metal that is white

4 Read the sentence pairs. Choose which word or phrase best fits each blank.

1	platinum / iron			
	Α	is a very valuable precious metal		
	В	Ferrous metals contain		
2	stainless steel / uranium			
	Α	People make tools with		
	В	is very dangerous.		

Listening

- 6 Solution Listen to a conversation between an instructor and a student. Mark the following statements as true (T) or false (F).
 - 1 __ The speakers are reviewing types of ferrous metals.
 - 2 __ The man gives examples of base metals.
 - 3 __ The woman knows what type of metal stainless steel is.

Listen again and complete the conversation.

Instructor: Student:	Does anybody have any questions? I do. What's the 1 type of metal?
Instructor:	Out of the four types of metals, base metals are the most common.
Student:	Base metals? Like 2?
Instructor:	No. Lead and copper are examples of 3
Student:	That's right. Now I remember. Platinum is a precious metal, 4?
Instructor:	Very good. What about the other types of metals? Can you 5 examples?
Student:	Um, well, stainless steel is a ferrous metal. The only 6 I can think of is uranium.
Instructor:	Good job.

Writing

Use the conversation from Task 8 to complete the notes.

Four Types of Metal

•	is an example of a	
Out of the	ne four types of metal,	
are		

- _____ is an example of a _____
- ____ is an example of a _____