

14.1. Vocabulary

A crossword puzzle grid is shown, consisting of white squares for letters and black squares for empty space. The grid is oriented diagonally. There are 9 numbered starting points for words:

- 1: Top right, vertical word.
- 2: Below 1, horizontal word.
- 3: To the right of 2, vertical word.
- 4: To the left of 3, horizontal word.
- 5: Below 4, horizontal word.
- 6: Below 5, horizontal word.
- 7: To the left of 6, horizontal word.
- 8: Below 7, vertical word.
- 9: To the left of 8, horizontal word.

[2] the red liquid that flows around your body

[4] a high body temperature because you are sick

[5] the condition of the body and the degree to which it is free from illness, or the state of being well

[6] a disease of the body or mind

[7] a place where fire or heat has damaged or hurt something

[9] one of the two organs in your body that remove waste from the blood and produce urine

[1] the condition of the body and the degree to which it is free from illness, or the state of being well

[3] a powder of dirt or soil that you see on a surface or in the air

[6] damage to someone's body in an accident or attack

[8] the outer layer of a person or animal's body

Ex. 2. Complete the sentences with the given words.

fall, inhale, emits, splashes, develop, unconsciousness, immediate, possible, vapors, irritate, fumes

The company will _____ (1) new welding techniques for the project.

The machine _____ (2) a strong odor when used for welding.

Be careful not to _____ (3) while carrying the heavy welding equipment.

The _____ (4) from welding can be harmful if inhaled.

In case of emergency, seek _____ (5) medical attention if needed.

Make sure not to _____ (6) the gas released during welding.

The smoke from welding can _____ (7) your eyes and throat.

It's important to consider all _____ (8) safety hazards before starting welding.

Always wear protective gear to prevent any _____ (9) during welding.

Welders need to be aware of the risks of _____ (10) from exposure to certain gases.

The ventilation system is used to remove _____ (11) produced during welding.

14.2. Word Formation

Ex. 1. Change the form of the words to complete the sentences.

1. The child's _____ (happy) was evident when he opened his birthday presents.

2. After cheering loudly for hours, his voice had a noticeable _____ (hoarse).

3. The _____ (dark) of the forest made it difficult to navigate at night.
4. The _____ (hard) of the rock made it impossible to break.
5. Her prolonged _____ (ill) worried her family.
6. The flu caused widespread _____ (sick) in the office.
7. The patient's _____ (conscious) was monitored closely after the surgery.
8. His constant _____ (sleepless) affected his performance at work.

14.3. Reading

Ex. 1. Read the text.

Welding is a common industrial process that joins materials, usually metals, by causing coalescence. It's an important skill in many professions, but it carries several risks if not performed correctly. One major risk includes exposure to intense ultraviolet light. This can cause serious eye injuries, commonly known as "welder's flash." Protective gear like welding helmets with proper filters is essential to prevent this.

Another significant hazard is the inhalation of harmful fumes and gases. These can lead to respiratory problems and other long-term health issues. Therefore, well-ventilated workspaces and the use of masks or respirators are crucial.

The high temperatures involved in welding present burn hazards. Welders must wear flame-resistant clothing and gloves to protect their skin. Additionally, there is the risk of electric shock, especially when working in damp conditions or with faulty equipment. Grounding tools and machines can help mitigate this risk.

Lastly, fire and explosions can occur due to the presence of flammable materials. Proper storage and handling of these materials, along with having fire extinguishers readily available, can help reduce such dangers.

By understanding and mitigating these risks, welders can ensure a safer working environment for themselves and others.

Ex. 2. Answer the questions.

1. What are the risks associated with exposure to intense ultraviolet light during welding?
2. How can inhalation of harmful fumes and gases during welding impact a person's health?
3. Why is it important for welders to wear flame-resistant clothing and gloves?
4. When is there a higher risk of electric shock for welders?
5. How can the presence of flammable materials lead to fire and explosions during welding?
6. What measures can be taken to reduce the risk of respiratory problems from inhaling fumes and gases during welding?
7. How can welders ensure a safer working environment for themselves and others?

14.4. Communication

Ex. 1. Make sentences using the following words:

1. Welders/wear/protective
2. They/should/always
3. Is/it/important
4. Welding/can/be
5. Always/inspect/equipment
6. Do/you/think
7. Proper/ventilation/is
8. It's/essential/to
9. Have/you/ever
10. Practice/makes/perfect