

Team Name \_\_\_\_\_

# \_\_\_\_\_

### 2024 Harlan Day 2

1. A fresh-air base is established at the point where conditions no longer permit \_\_\_\_\_ exploration.

\_\_\_\_\_ team

\_\_\_\_\_ barefaced

\_\_\_\_\_ advanced

2. Small hydrogen \_\_\_\_\_, known as hydrogen "pops" are fairly common in firefighting.

\_\_\_\_\_ fires

\_\_\_\_\_ clusters

\_\_\_\_\_ explosions

3. The specific gravity of carbon monoxide is \_\_\_\_\_.

\_\_\_\_\_ 0.9762

\_\_\_\_\_ 0.9672

\_\_\_\_\_ 0.2976

4. Seals should be built at locations with good \_\_\_\_\_ and even roof and ribs.

\_\_\_\_\_ bottom

\_\_\_\_\_ conditions

\_\_\_\_\_ roof

5. Once \_\_\_\_\_, survivors should never be left alone.

\_\_\_\_\_ seen

\_\_\_\_\_ rescued

\_\_\_\_\_ observed

6. The specific gravity of carbon dioxide is \_\_\_\_\_.

\_\_\_\_\_ 2.5911

\_\_\_\_\_ 1.5291

\_\_\_\_\_ 1.1925

7. Breathing air containing 10 percent \_\_\_\_\_ causes violent panting and can lead to death.

\_\_\_\_\_ carbon dioxide

\_\_\_\_\_ B. carbon monoxide

\_\_\_\_\_ C. hydrogen sulfide

8. The basic principle of mine ventilation is that air always move from high to low pressure \_\_\_\_\_.

points

regions

bandage

9. The main objective of recovery work is to put the \_\_\_\_\_ area of the mine back in operation as soon as possible.

fire

sealed

affected

10. The IDLH for \_\_\_\_\_ is 20ppm.

Carbon Monoxide

Hydrogen Sulfide

Nitrogen Dioxide