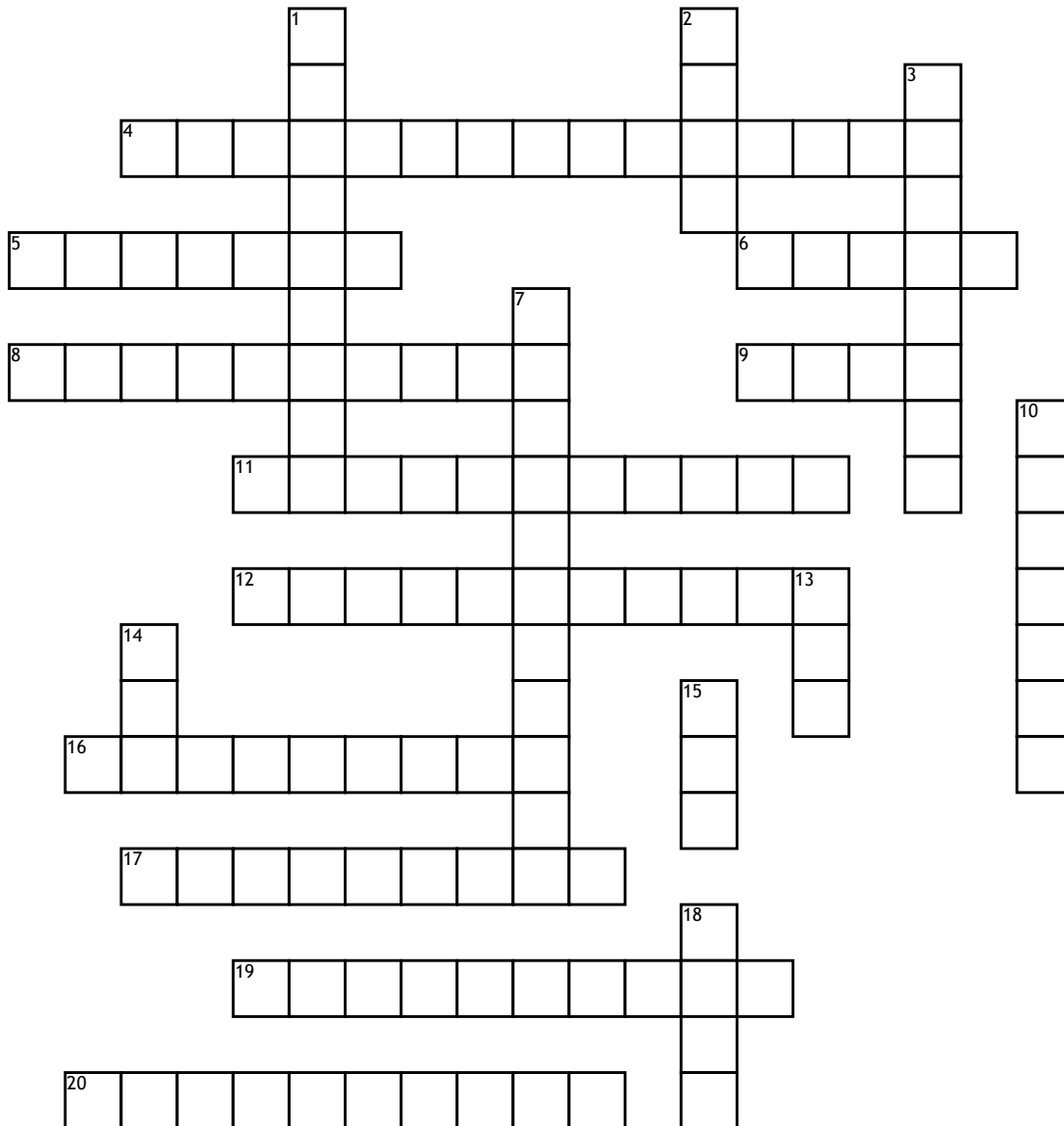


Name: _____

Date: _____

Tanker DL



Across

4. What is the 1st zone in a spill that is established? _____ zone
5. When the main cargo pump becomes no longer efficient what is utilized to discharge the remainder of cargo?
6. What is the part of the boom that sits on top of the water?
8. What is the most critical route of entry into the human body for a toxic material?
9. What type of respirator is necessary with Ethylene Oxide
11. Expansion of the volume of a flammable or combustible liquid will increase when the _____ increases.
12. Continuous gravity flow of fluid or positive suction head applied to which type of pump(s)?

16. The range of gas or vapor concentrations (percent by volume in air) which will burn or explode if an ignition source is present, the range is known as LEL and UEL or _____ limits.

17. Measuring of a liquid's resistance to flow.

19. A material which ignites spontaneously upon exposure to air or (oxygen).

20. A chemical gas or vapor that will use up or displace the oxygen in the air, can interfere with the body's ability to receive or use an adequate supply of oxygen is known as a(n)

Down

1. Another term to describe emulsification. _____ mousse

2. LEL means that the fuel/air mixture is too _____ to burn.

3. While loading cargo into several tanks the OOW asks you close off all the Number 1 tanks; in the line of tanks being filled, the rate of flow to other open tanks on the same line will _____

7. Oil escaping under a boom due to current speed greater than 0.7 knots is called?

10. Fuel vapors are typically _____ than air.

13. What is the Reid Vapor Pressure for Fuel Oil No. 6

14. Airborne concentrations of a product expressed in parts per million (two acronyms) _____/TLV

15. Concentrations believed to be safe for the average person during an 8 hour day and 40 hours work week, for that are used to determine PPE for respiratory protection are known as?

18. A petroleum product that has a specific gravity of 1.8 will _____ when spilled in water.