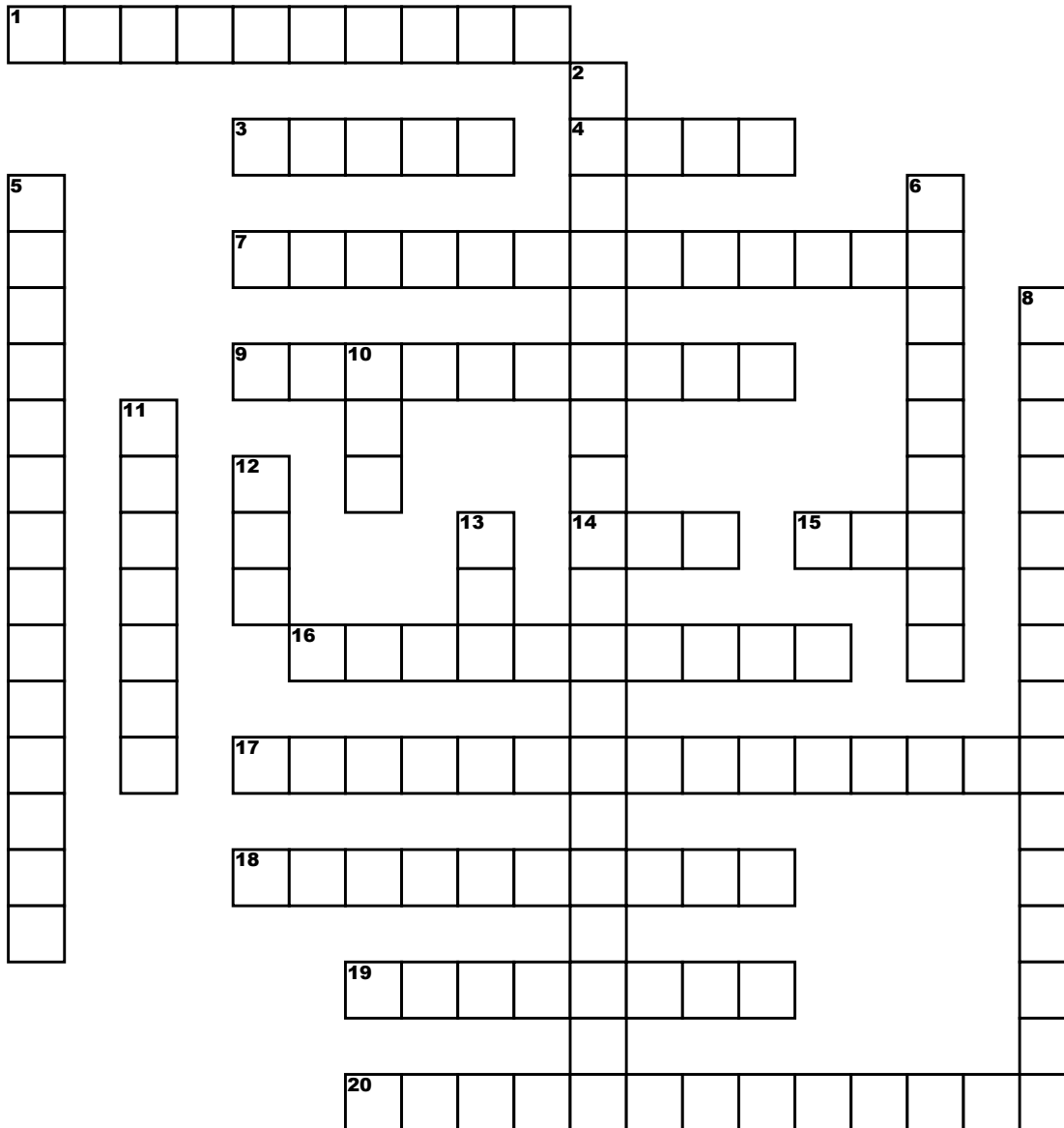


# Toxicology: Poisons & Alcohol



**Across**

- 1. The law that the concentration on the breath is proportional to that in the blood
- 3. A substance that causes injury to the health of a living thing on contact or absorption, typically by interacting with enzymes and receptors
- 4. Lethal dose for 50% of a given population
- 7. Occurring almost immediately (hours or days) after an exposure
- 9. Developed a very sensitive and reliable test to detect arsenic in body tissues and fluids
- 14. Operating under the influence
- 15. Operating while intoxicated

- 16. The study of the adverse effects of chemicals or physical agents on living organisms
- 17. Continuing exposure to toxins over a long period of time, thus chronic toxicity
- 18. Combined effect of substances that decrease thier individual effects; opposite of synergism
- 19. The concept promoted by Paracelsus that substances that kill at high doses are actually beneficial at low doses
- 20. Invented in 1954

**Down**

- 2. % of alcohol in the bloodstream

- 5. An organic compound that complexes with a metal to form a ring structure
- 6. Combined effect of substances that exceeds the sum of their individual effects
- 8. The law that defines the relationship between alcohol concentration and light absorption
- 10. minor in possession
- 11. The most abused drug in America
- 12. Driving while intoxicated
- 13. Driving under the influence