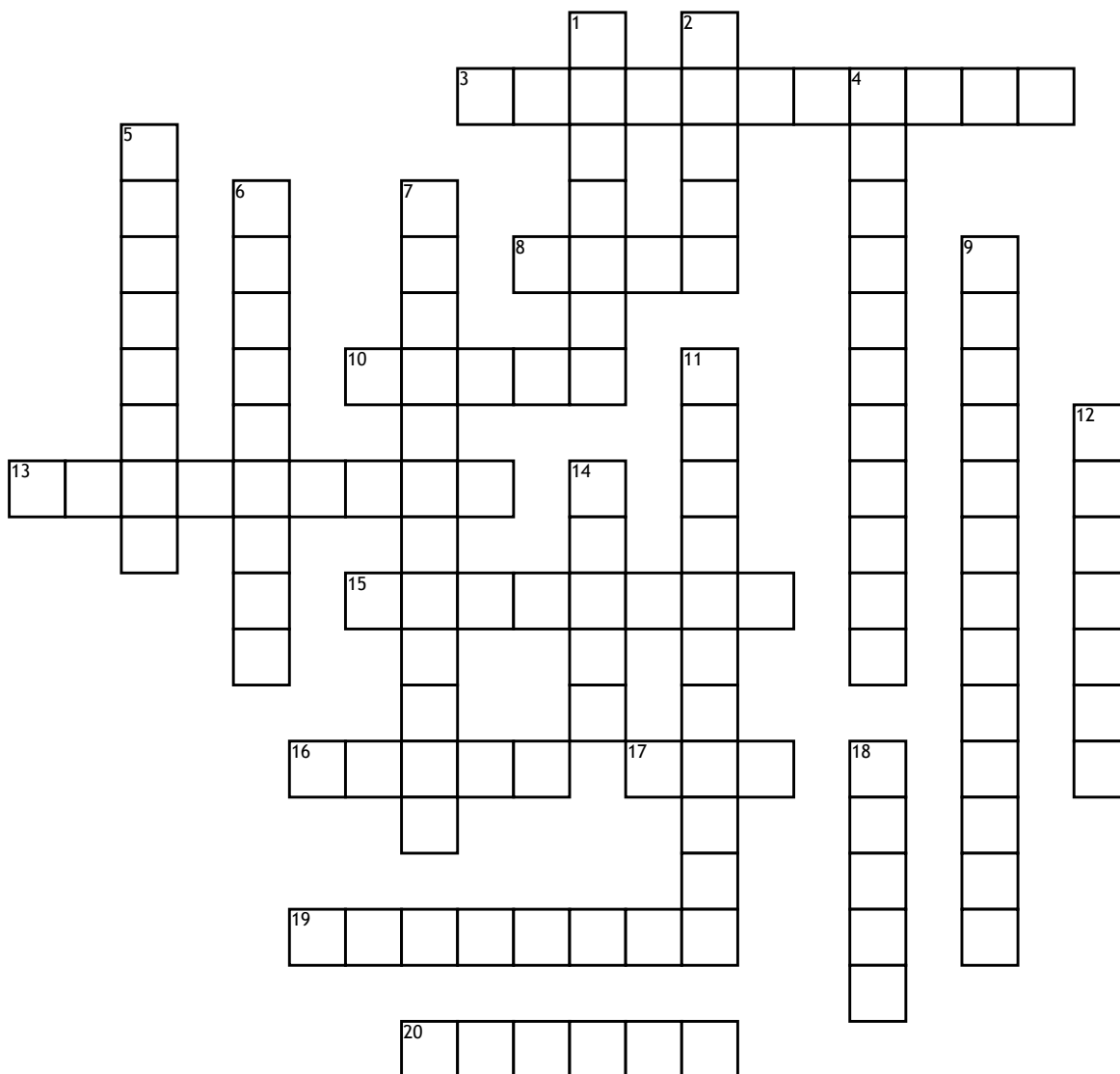


Name: _____ Date: _____ Period: _____

Dr. Octopus Physics Concepts



Across

3. What is it called when the net torques equal zero, rotational _____.

8. A stream of electrons, where an electron can get kicked out of the nucleus

10. A basic unit of matter

13. This particle has a negative electric charge

15. The superglue holding the nuclues together

16. What most people mistake as torque.

17. What is an electrically charged atom?

19. When talking about radioactive material, the amount of time allotted for half of the radiation atoms to decay is called _____.

20. A turning force around an axis of rotation

Down

1. Holds the particles of an atom

2. A stream of particles, that can be stopped by a single piece of paper

4. When an atom can kick out a particle, and turn the nucleus into another element

5. Different varities of the same element.

6. When energy is released as subatomic particles, and creates ionization

7. Torque is expressed in units called _____.

9. Like an isotope, this is when an element changes to another.

11. An attractive nuclear force

12. This particle holds electrons in their orbits

14. When you unlock a door, you use torque ____ times.

18. A bunch of massless energy, that is created by photons.