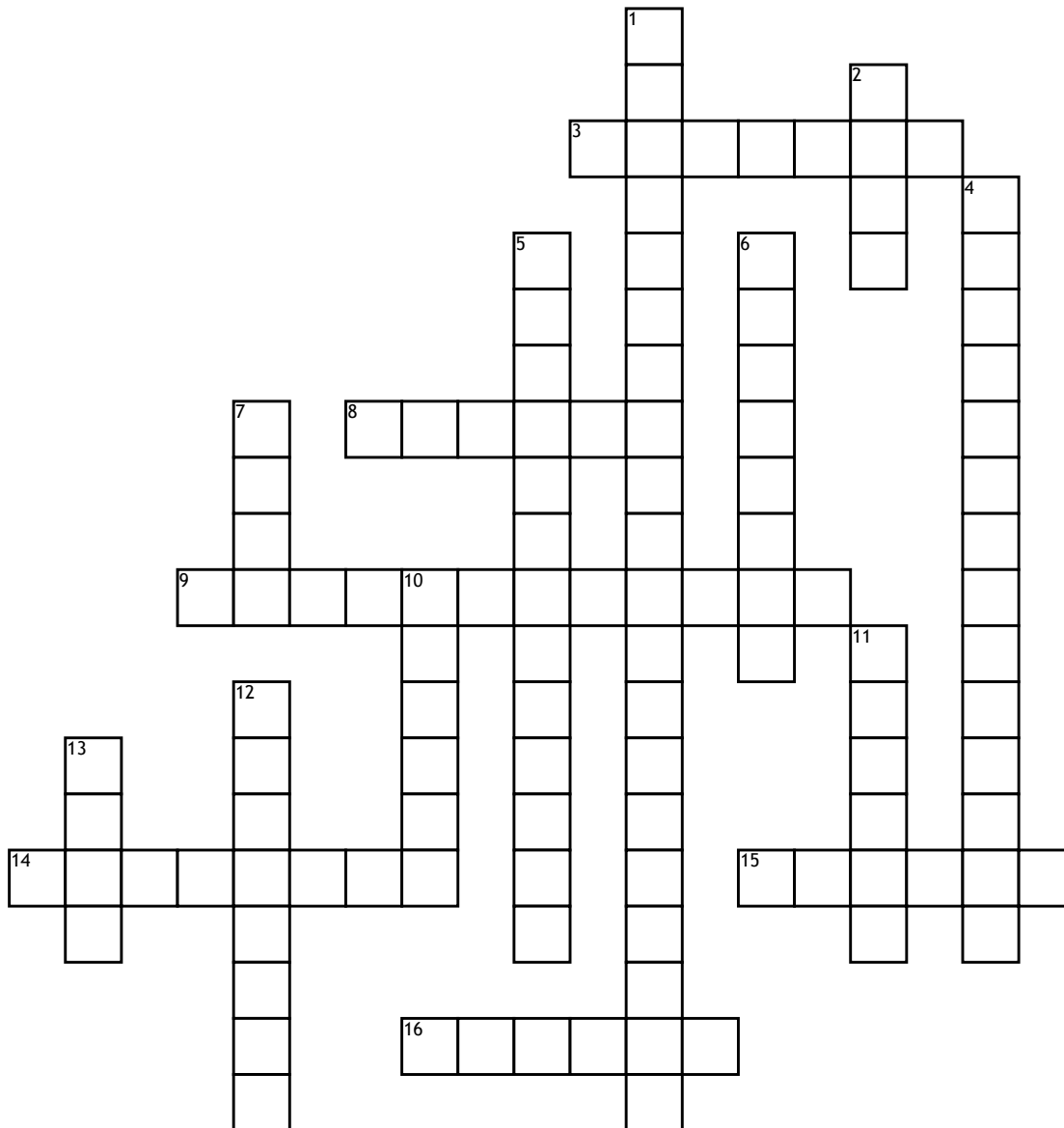


Particles - Classification



Across

3. Which diagrams can be used to show particle interactions?
8. The only stable baryon?
9. What interaction occurs when a particle and its antiparticle collide to produce 2 photons?
14. The anti particle of the electron?
15. What is a packet of energy?

16. In which type of interactions is strangeness conserved?

Down

1. A nucleus can decay into a proton, electron and which other particle?
2. A strange meson?
4. What interaction occurs when a photon becomes a particle and an antiparticle?
5. Boson for electromagnetic force?
6. The most stable lepton?

7. A particle that will decay into an electron?

10. The group of particles that are subject to the strong force?

11. The group of particles made of 3 quarks or 3 antiquarks?

12. What property is the same for a particle and its antiparticle?

13. A particle that acts as an exchange particle for the strong force?