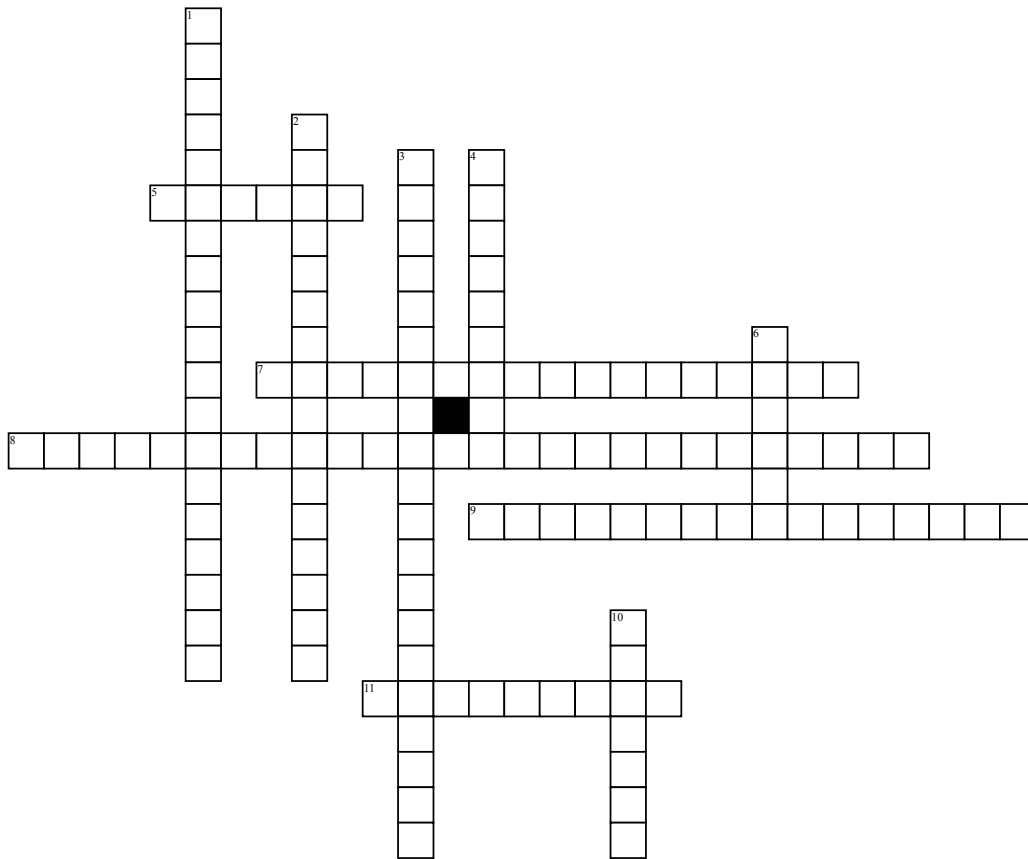


# Nebular Theory



**Across**

- 5. a cloud of gas and dust in outer space
- 7. the spinning makes the cloud collect into a ball shape
- 8. how the shockwave organized materials
- 9. when a cloud collapses, the conservation of angular momentum amplifies any tiny amount of rotation making this
- 11. early stage in a star

**Down**

- 1. organization of planets is done being made
- 2. when a nebula caves in on itself due to gravity
- 3. when big round spheres are finished forming in space
- 4. strong force moved gas and lighter substances away and leaving heavier objects (reason gaseous planets are after the asteroid belt)
- 6. putting together to form something different
- 10. attractive force between all matter

**Word Bank**

- |                       |                        |                               |
|-----------------------|------------------------|-------------------------------|
| Protostar             | flat spinning disk     | collapsing nebula             |
| fusion                | Nebula                 | matter organized by densities |
| shockwave             | planets finish forming | disk starts to clump          |
| complete solar system | gravity                |                               |