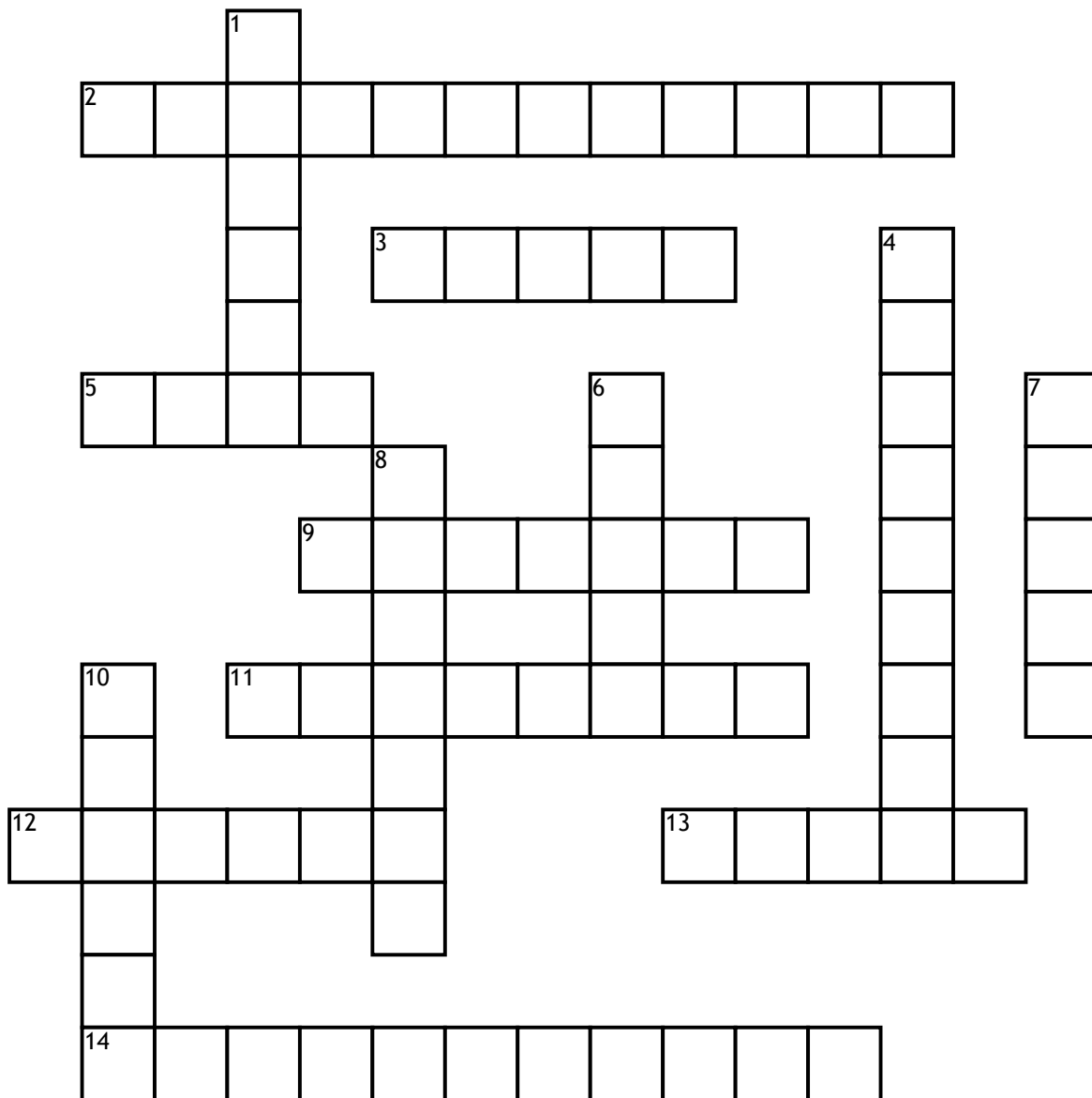


Name: _____ Date: _____ Period: _____

The Solar System Vocabulary



Across

2. giant , high - pressure storm in jupiter's atmosphere
3. second planet from the sun; similar to earth in mass & size ; has thick atmosphere & a surface with craters , faults- like cracks ,& volcanoes
5. fourth planet from the sun; has polar ice caps , thin atmosphere ,&reddish appearance caused by iron oxide in weathered rocks & soils
9. smallest planet , closet to the sun ; does not have a true atmosphere ;has a surface with many craters & cliffs

11. a piece of rock or metal made up of material similar to that which formed asteroid belt between jupiter & mars
12. second largest & sixth planet from the sun ; has a complex ring system ,at least 31 moons & a thick atmosphere made mostly of hydrogen & helium
13. space object made of dust & rock particles mixed with frozen water, methane ,& ammonia that forms a bright coma as it approaches the sun
14. system of eight planets ,including earth & other objects that revolve around the sun

Down

1. a meteoroid that burns up in the earth's atmosphere

4. a meteoroid that strikes the surface of a moon or planet
6. dwarf planet that takes 248 years to complete one orbit around the sun;has a thin atmosphere & a solid , icy- rock surface with 3 moons
7. third planet away from the sun; has an atmosphere that protects life & surface temperatures that allow water to exist as a solid, liquid ,& gas
8. usually the eighth planet from the sun; is large & gaseous ,has rings that vary in thickness ,&is bluish - green in color
10. seventh planet from the sun ; is large & gaseous ,has a distinct bluish - green color & rotates on an axis nearly parallel to the plane of its orbit