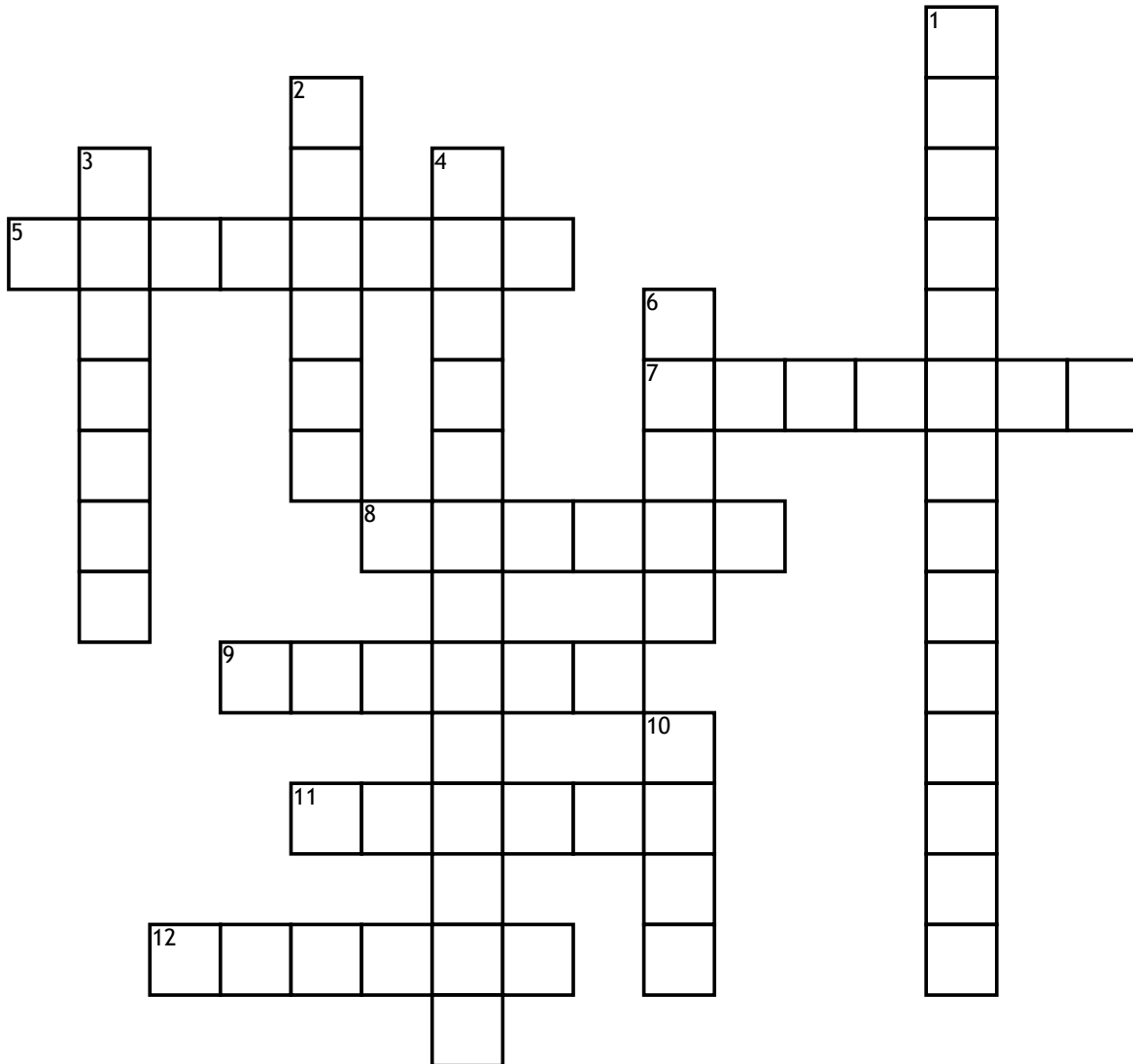


Name: _____

Metals



Across

5. a gem polished but not faceted.
7. Removing material with an acid.
8. A hammer-like tool with the head made of wood, plastic or leather.
9. a fusible metal alloy used to create a permanent bond between metal workpieces.

11. the process of using heat to relieve stress in metal.
12. a usually green film formed naturally on copper and bronze by long exposure or artificially (as by acids) and often valued aesthetically for its color.

Down

1. an alloy containing 92.5% silver and 7.5% copper.
2. An acidic solution used to clean metal after it has been heated.

3. Tools (typically tapered rods) used to impart their form on malleable metal.
4. occurs when metal is bent, hammered or twisted making it brittle and difficult to work.
6. A rim of metal that surrounds and secures a gem
10. Any chemical that prevents the formation of oxides during a soldering process.