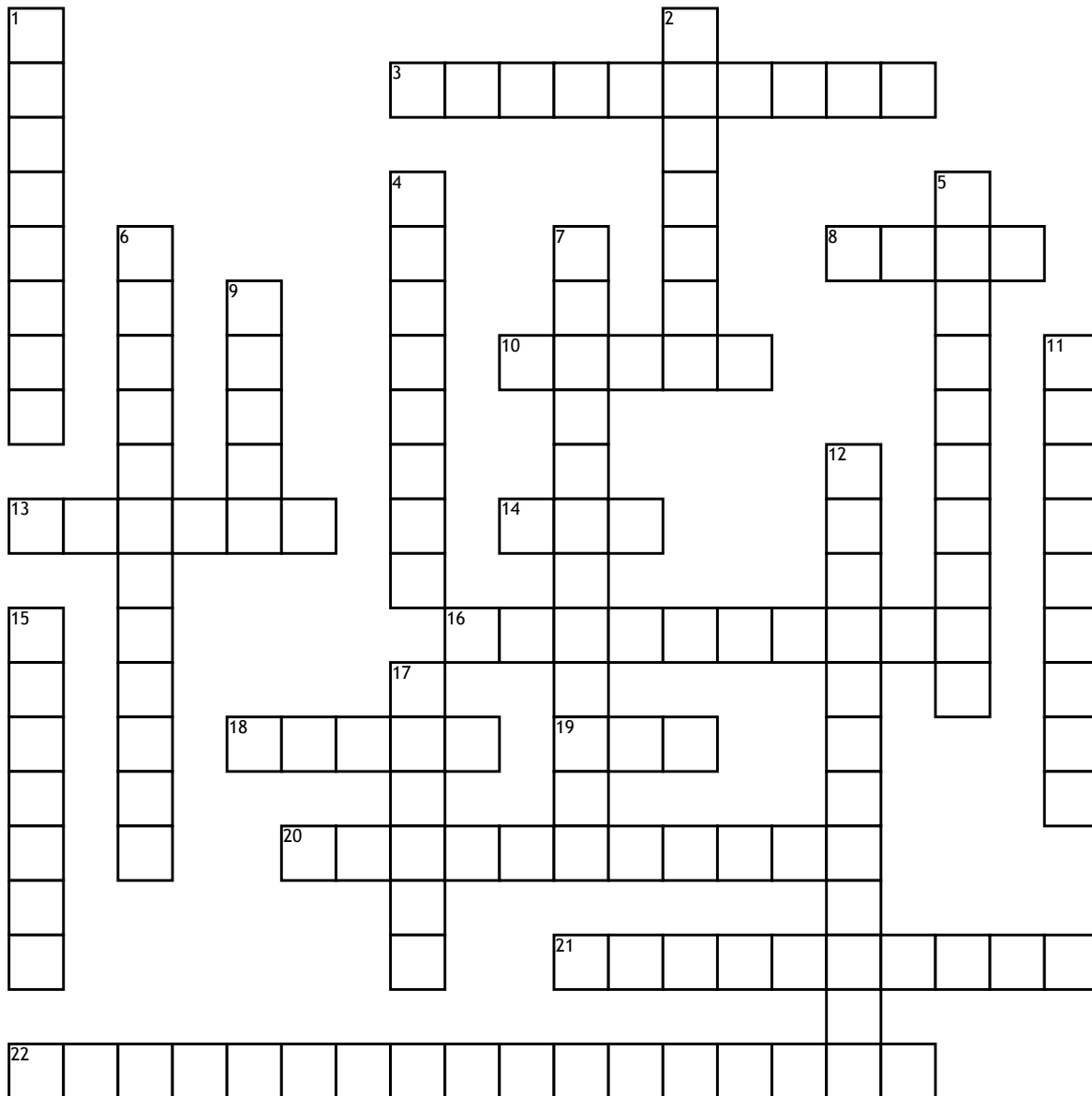


Name: _____

Date: _____

Circuit Boards



Across

3. a method of soldering used on boards with through-hole components

8. any hole in a board which is not round

10. a continuous block of copper on a circuit board, defined by borders rather than by a path

13. exposed metal pads along the edge of a board

14. Design Rule Check

16. an alternative to v-score for separating boards from panels

18. a larger circuit board composed of many smaller boards which will be broken apart before use

19. a portion of exposed metal on the surface of a board to which a component is soldered

20. small balls of solder suspended in a gel medium

21. the letters, number, symbols, and imagery on a circuit board

22. a hole on a board which has an annular ring and which is plated all the way through the board

Down

1. places on a design where a hole should be drilled

2. spring-loaded contact used to make a temporary connection for test or programming

4. hatching, gridlines, or dots of copper left in areas of a board

5. a layer of protective material laid over the metal to prevent short circuits

6. the machine or process by which components are placed on a circuit board

7. a small, unwanted blob of solder

9. a continuous path of copper on a circuit board

11. a pot used to quickly hand solder boards with through-hole components

12. a thin, metal stencil which lies over the board, allowing solder paste to be deposited

15. a small trace used to connect a pad to a plane

17. melting the solder to create joints between pads and component leads