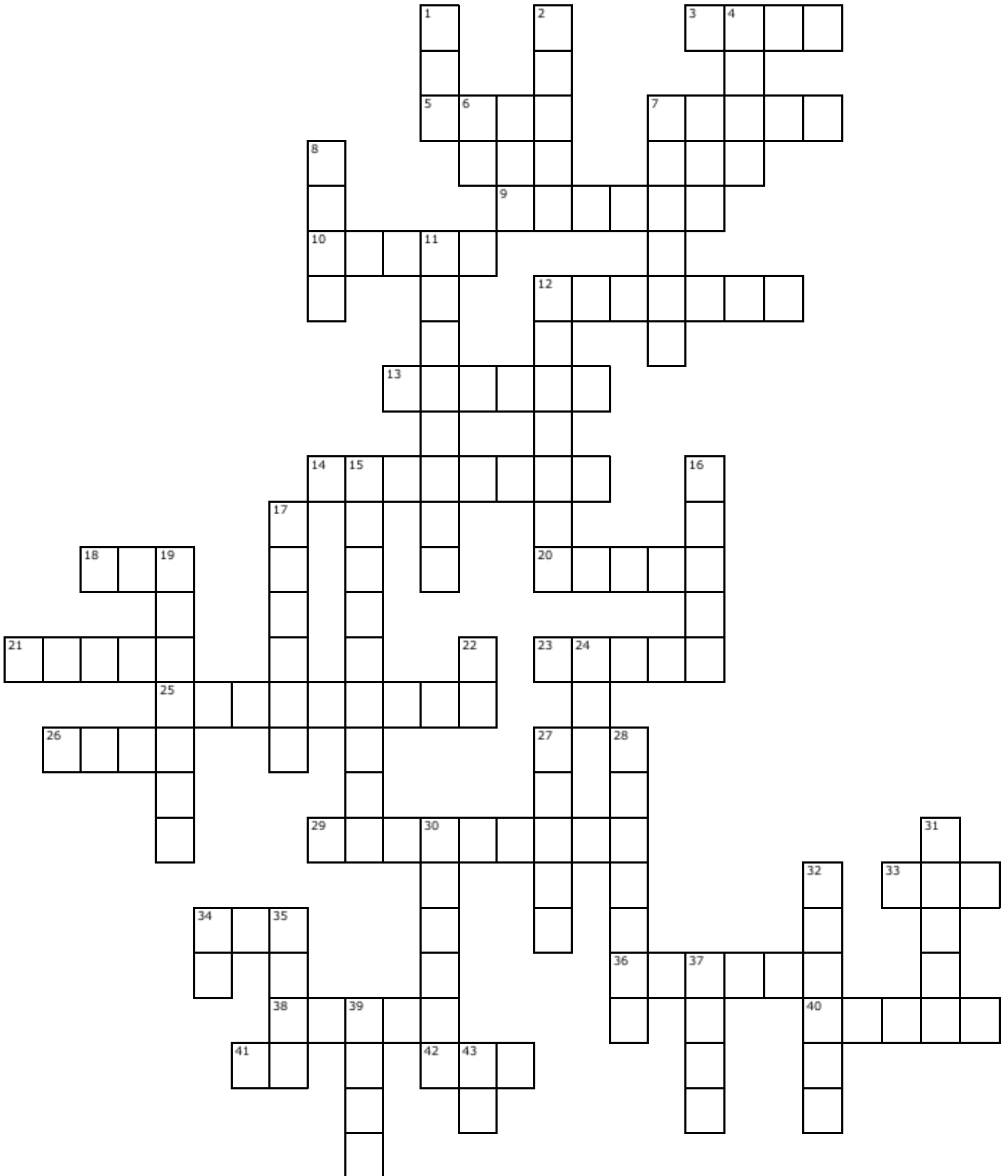


# U of Illinois NMR Training Puzzle



## Across

3. 2D NMR experiment for H-C correlations
5. Location of the big magnets
7. Where Lingyang is from
9. Used to keep the magnet really cold

## Down

1. Connector used for NMR cables
2. How the probe excites spins
4. A coil used to make the field uniform
6. Lingyang's mellow cat

10. The name of the previous NMR director here 25 years
12. Maker of one of our NMRs
13. The intake person
14. The liquids NMR specialist
18. Type this to save
20. In the magnet initially
21. Nearly always in the magnet
23. Done weekly or monthly for every magnet
25. The frequency unit for most NMR signals
26. Lingyang's crazy cat
29. School of distinguished instructor
33. Protons do this when excited
34. Raw data
36. The full name of the Lab
38. The solids NMR specialist
40. Type this to get started
41. Where Dean is from (abbreviation)
42. Location of the walkup lab
7. Protons and their neighbors do this
8. The axis unit of the FID data
11. Used to keep the magnet cold
12. How spins are in a magnetic field
15. Where Andre is from
16. Location of some special magnets
17. Maker of most of our NMRs
19. Distinguished instructor of Chem 530
22. The basic frequency unit
24. Where Tracie is from (abbreviation)
27. Type this just after you get started (no spaces)
28. What spins do when relaxing
30. Maker of the new spectrometer
31. The time unit prefix for pulses
32. The NMR staff also manages this
34. Use this to convert from time to frequency data
35. The NMR boss
37. A property nuclei have
39. 2D NMR experiment that measures diffusion coefficients
43. Type this to stop