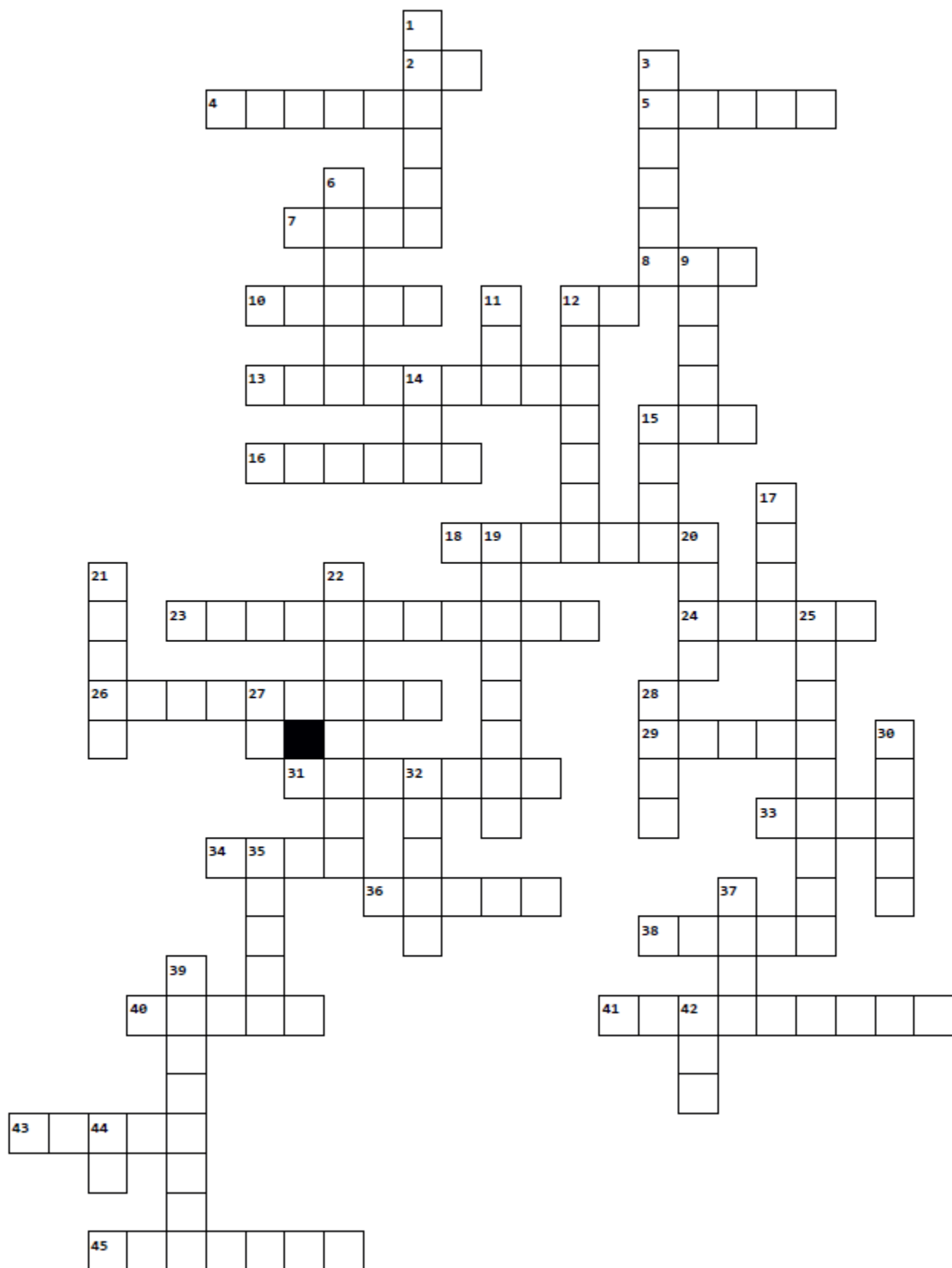


U. of Illinois NMR Training Crossword Puzzle



U. of Illinois NMR Training Crossword Puzzle - Clues

Across

2. Type this to stop an acquisition
4. Maker of the two newer automated spectrometers
5. Type these two commands just after you type logon
7. The NMR boss
8. Connector used for most NMR cables
10. The name of the previous NMR director here 25 years
12. Use this to transform data from time to frequency
13. School of the same distinguished instructor as in 12 down
15. Protons do this when excited
16. Protons and their neighbors do this
18. How spins are in a magnetic field
23. Where Nikki is from
24. Coils used to make the magnetic field uniform
26. The frequency unit for most NMR signals
29. Type this to get started
31. Maker of one of our NMRs
33. 2D-NMR experiment for H-C correlations
34. A property nuclei have
36. Done weekly or monthly for every magnet
38. Where Lingyang and Collette are from
40. Location of some special magnets
41. The full name of the Lab
43. The probe excites spins with this
45. What spins do when relaxing or exciting

Down

1. Maker of most of our NMRs
3. The NMR staff also manages this lab
6. Used to keep the magnet really cold
9. NMR Lab Operations Manager
11. Raw NMR data
12. Distinguished book author and former instructor of Chem 530 for 6 years
14. Location of the NMR walk-up lab
15. The axis unit of the FID data
17. Lingyang's crazy cat; see PPT presentation
19. The liquids NMR specialist
20. 2D-NMR experiment that measures diffusion coefficients
21. In the spinner initially
22. Used to keep the magnet pretty cold
25. Where Dean is from
27. The basic frequency unit
28. Location of the biggest magnet in Illinois
30. The time unit prefix for pulses
32. The senior NMR undergrad hourly
35. Nearly always in the magnet from the bottom
37. The junior NMR undergrad hourly
39. The solid-state NMR specialist
42. Type this to save
44. Lingyang's mellow cat; see PPT presentation