Diagonal Calculation
crossword puzzle by Christopher Shaw

Across
1. Skedaddles
5. Height of this puzzle (in blocks)
8. Three-element group, as that formed by 5-Across, 3-Down, and 66-Across
14. "___ a trap!"
17. One prone to accidental physical comedy
21. The only state to border both Illinois and South Dakota
22. Before, before
23. Eagles’ quarters
24. Printmaking technique with an etching plate
26. Most harsh
28. Component of RNA, but not DNA
29. Vitamin type for expecting mothers
30. The opposite over the adjacent, often
31. Was terrible
32. Logarithm subscripts
33. Squirrelled (away)
34. A popular web-based lecture platform
35. Carol
36. Jungle sightseeing trips
39. Lee of baking fame
40. Schumer and Poehler, e.g.
42. Blackened by fire
45. Tract of land
46. Meas. of vehicular greenness
47. British mil. asset
48. Building support beam
49. Values entered into the compound interest formula
51. Latin expression meaning "behind closed doors," as a secret meeting
55. Algebraically identical copy
57. Groom partners
59. Not stereophonic
60. Nobel winner, e.g.
61. Word with praise or accommodations
62. Nusrat Fateh ___ Kahn (Pakistani singer who collaborated with Peter Gabriel)

Illinois Mathematics Teacher
63. Da___ al fine (repeat from the beginning)
64. "Dear ___"
65. ___ Alamos National Laboratory
66. With 67-Across, diagonal length of this puzzle grid, which you can determine using a theorem attributed to 18-Down
67. See 66-Across
68. Latin I word

Down
1. Basic idea without the technical details
2. Greek letter often used to denote an embedding
3. Width of this puzzle grid
4. Some NCOs
5. "___ Wolf" (Michael J. Fox comedy film later resurrected as a short-lived TV series)
6. Once, once
7. Safety device for a trapeze artist
8. With less slack
9. Render a decision anew
10. Home country of Maryam Mirzakhani, first female Fields Medal winner
11. Opt for
12. Welcome gift on a lanai
13. Course for non-native speakers (abbr.)
14. Transmit, as wisdom
15. Midsections
16. Daggers
17. NYC's Pennsylvania, e.g.
18. See 66-Across
19. Phrase following a price quote for shoes
20. Video game princess in need of rescuing
25. Switch positions
27. ___ Flanders
31. Place into sets
32. Sounds ewe made?
35. Singer-songwriter Graham and poet Ogden, for two
37. Calc. AB or Calc. BC, e.g.
38. Like ripe peaches
39. Fir relative
40. Outer seed coats
41. Tribe native to Kenya
42. Blue shade
43. Down with
44. Impel
46. Wharton deg.
48. Liquid said to be fuel for mathematical theorems
50. Tennis score favoring the server
51. Parts to be performed alone
52. Programming foundation for MacOS
53. Enervates
54. Common lotion additive
56. Married title
57. Short sandwich order
58. Uncooked
59. "Live ___" (2000's Taco Bell slogan)