

## ACROSS

1. Math subject in H.S.
5. They're sometimes on bulletin boards
10. Catch a few Z's
13. Milky-white gem that's October's birthstone
14. Apple's web browser
15. Fleischer, White House press secretary for George W. Bush
16. \* National Mathematics Honor Society that promotes MathFest
18. Former country music TV channel
19. Twitter bot released by Microsoft in 2016 for only 16 hours because it famously devolved into posting offensive tweets
20. *Math Horizons* editor who will give the MAA invited address for students
22. Works at Desmos and will give an invited address entitled "Math's Other Half"
25. Journal paper reviewer, for short
26. Sch. where Terence Tao works
27. Took time away from, for instance, the next scheduled talk
29. Meteor that explodes in the atmosphere
31. Part of a play
32.  $2\pi$
34. Suffix with expert
35. \* Horne from Morehouse College will give an invited address about his role as a math consultant for this recent film
41. \_\_\_\_ and hers
42. Mathematician consultant for "The Man Who Knew Infinity"
43. One equals about 57.3 degs.
45. "A for \_\_\_\_"
48. \* Home of MathFest 2017
51. Narrow opening
52. Form of structural equation modeling used to find subtypes of cases in multivariate categorical data: Abbr.
54. If  $G$  is a group,  $H$  is a subgroup, and  $g \in G$ , then  $\{gh : h \in H\}$  is this
55. \* Williams of Harvey Mudd College who will give an invited address about "unveiling mathematical talent"
58. Member of Congress: Abbr.
59. Mimic
60. Computer science term for, essentially, functions within a larger program
65. Ink on your arm, for short
66. 2001 French romantic comedy film with Audrey Tautou in the title role
67. Bronte heroine
68. Dash widths
69. Hoist again, as a sail
70. \* McDuff of Barnard College who will give a series of three invited addresses about symplectic geometry

## DOWN

1. Logical symbol for a tautology
2. N.Y. engineering sch.
3. Dr. Seuss's Sam \_\_\_\_
4. Posterior muscles
5. Grad students, often
6. Blazing
7. State where 26-Across is: Abbr.
8. Former McDonald's owner Ray, subject of a 2016 Michael Keaton film
9.  $\frac{e^x - e^{-x}}{2}$
10. Phys., chem., or biol.
11. \* Douglas from U. Minnesota who will give an invited address entitled "Computational Math Meets Geometry"
12. Latin term for the leaves of a fern that appear on both sides of a common axis
14. 007, for one
17. Make, an income
21. Swiss mathematician who first solved the Basel problem
22. \* Org. behind MathFest
23. Carve in stone
24. Himalayan legend
25. Horse coloring
28. Statistical tool used examine two populations
29. Notation to describe asymptotics, phonetically
30. The Buckeyes, briefly
33. Roswell sighting
36. Traditional garment for Indian men
37. Chairman of the board: Abbr.
38. Ancient civilization that used knots on strings to represent numbers
39. Pitching stats
40. \_\_\_\_Math software
44. It comes before edu
45. \_\_\_\_ sale
46. \* Erica from Pomona College who will give an invited address about spatial graph theory
47. French steak cuts, or laces with a square mesh and geometric designs
49. Rapper turned *Law & Order* actor
50. Plagiarized
52. Fibonacci's book: "\_\_\_\_ abaci"
53. U.S. women's soccer great Lloyd
56. Ivan the Terrible, e.g.
57. Philosopher David
58. "You will \_\_\_\_ the day!"
61. Part of the Dept. of Health & Human Services
62. \* Sch. where Steven Brams works; he'll be giving an invited address about mathematics and democracy
63. Hosp. areas
64. Red, Yellow, or Black \_\_\_\_

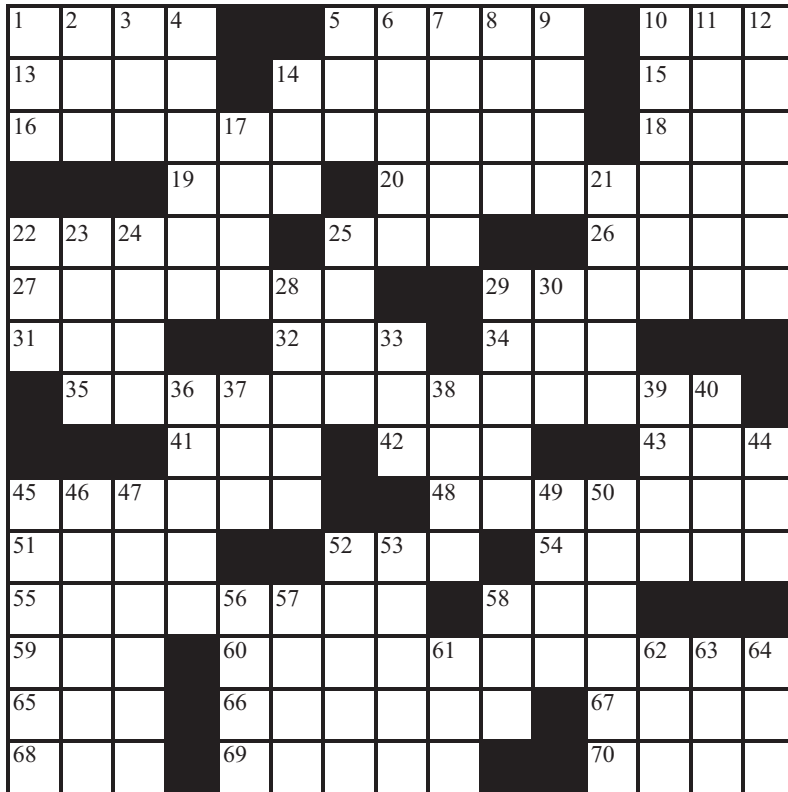
# MathFest 2017

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Clues start at left, on page 226. The solution is on page 230.

Extra copies of the puzzle can be found at the MAGAZINE's website, [www.maa.org/mathmag/supplements](http://www.maa.org/mathmag/supplements).

### Crossword Puzzle Creators

If you are interested in submitting a mathematically themed crossword puzzle for possible inclusion in MATHEMATICS MAGAZINE, please contact the editor at [mathmag@maa.org](mailto:mathmag@maa.org).