



## Introducing Tribus

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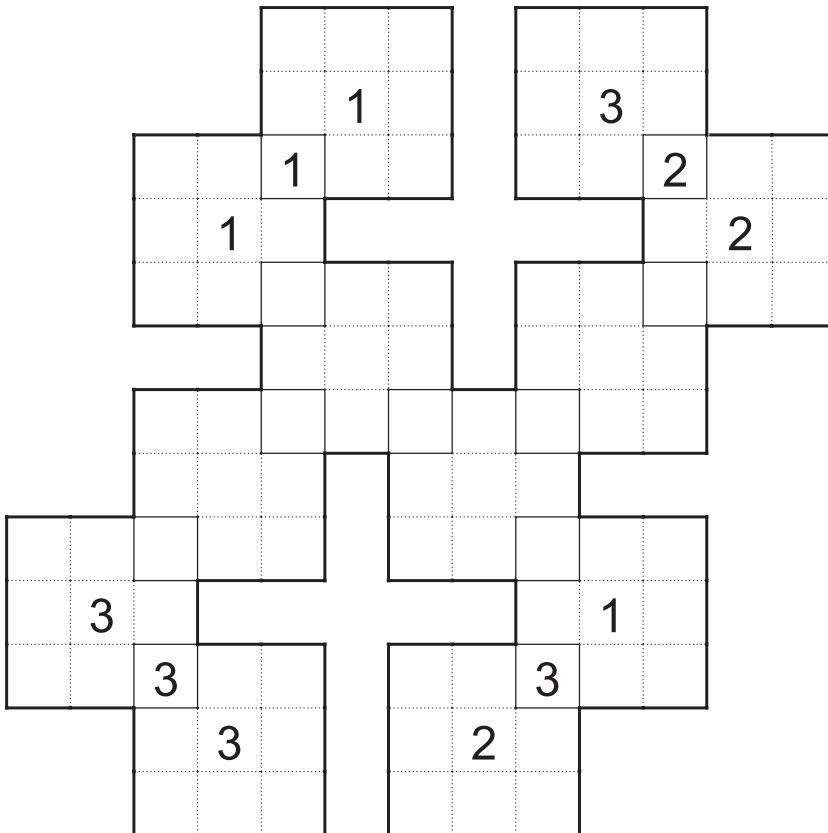
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## Introducing TRIBUS

In each issue of THE MAGAZINE in 2019, readers will be treated to a TRIBUS puzzle. Mathematician and puzzle enthusiast David Nacin is the creator of TRIBUS as well as countless other mathematically rich puzzles. We solved many different puzzles in the process of finding the right one for this year's offering. We think that TRIBUS contains the right balance of entertainment and mathematics. As you solve each puzzle, you will undoubtedly discover small lemmas that help along the way. Try your hand at this issue's installment below, and enjoy! For more of David's puzzles, check out his puzzle collection at <http://quadratablog.blogspot.com>.

— Brittany C. Shelton, Albright College, Reading, PA  
 Andrés E. Caicedo, Mathematical Reviews, Ann Arbor, MI

## TRIBUS puzzle



**How to play.** Fill each of the three-by-three squares with either a 1, 2, or 3 so that each number appears exactly once in each column and row. Some cells apply to more than one square, as the squares overlap. Each of the three-by-three squares must be distinct. The solution can be found on page 31.

— David Nacin, William Paterson University, Wayne, NJ ([nacind@wpunj.edu](mailto:nacind@wpunj.edu))