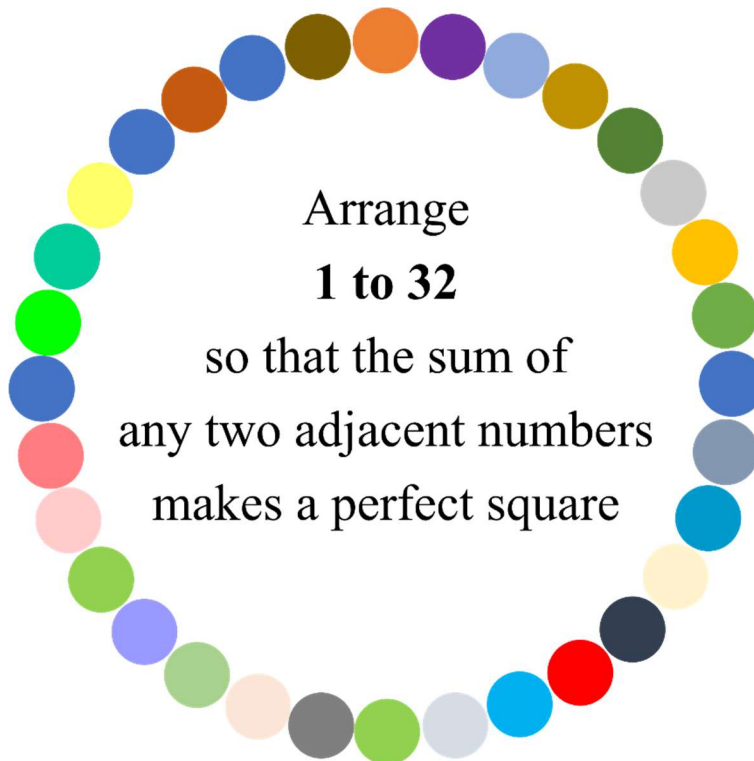


# UC Merced Applied Math Problem of the Month

March 2022



Observe that numbers from 1 to 15 can be arranged in a straight line such that the sum of any two adjacent numbers is a perfect square, but not in a circle since  $8 + 9 = 17$  is not a perfect square.

Can you arrange 1 to 32 in a similar fashion but in a circle?

To submit your solutions for a chance to win an Amazon gift card, and to find out detailed contest rules,

- scan the QR code to the right, or
- go to <https://appliedmath.ucmerced.edu/news-events/problem-month>

