

Puzzler of the Month

October 2018

From the Monroe Community College Mathematics Department

You are equipped with two 2's, a single 3, and a single 6 along with the ability to combine them using only addition, subtraction, multiplication, division, and exponentiation.

Your job is to create each of the integers from 26 to 38.

You may use any number of parentheses to control the order of operations and do not have to use all four of the numbers each time.

For Example: $60 = 6 * (2^3 + 2)$

Solutions must be submitted by October 31

To submit a solution:

Neatly write up your solution, clearly identifying the answer and clearly showing all work when requested.

On the Brighton Campus, solutions may be submitted in the Puzzler of the Month drop box in the Math Learning Center (11-204). Solutions at the Downtown Campus can be submitted to Michael Eames (Mathematics), office 574-M.

You may also submit solutions by emailing Steve Kilner at skilner@monroecc.edu (please indicate "puzzler solution" as the subject). Faculty and staff may use inter-departmental mail.

For more details go to the Math Learning Center 11-204 or visit our website:

www.monroecc.edu/go/mathpuzzler .

